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Feeding Stuffs Report

1938



JOHN H. LIGHT, *Secretary of Agriculture*

ELMER E. HARTER, JR., *Director of Foods and Chemistry*
Bureau of Foods and Chemistry

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FEEDING STUFFS REPORT

1938

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs, and accordingly, during the year ending December 31, 1938, 1,231 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected, 1,178 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1938, 517 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of special samples submitted are not included in this Report. The total number of official and special samples analyzed during the year 1938 was 1,695.

The 1,178 official samples analyzed were registered by 180 manufacturers and represented 15 classes and 902 brands as follows:

Classes	Samples
Oil Cake By-Products.....	10
Distillery and Brewery By-Products.....	4
Maize By-Products.....	7
Wheat Offal.....	36
Alfalfa Meal.....	2
Proprietary Dairy Feed.....	310
Proprietary Stock, Horse and Mule Feed.....	57
Proprietary Calf Meal.....	8
Proprietary Swine Feed.....	91
Proprietary Chop Feed.....	43
Proprietary Poultry Scratch Feed.....	34
Proprietary Poultry Mash Feed.....	512
Proprietary Small Animal Feed.....	53
Animal By-Products.....	10
Miscellaneous.....	<u>1</u>
Total.....	1178

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually, and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceeding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each.....	\$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1938 sales, 5,832 brands of feeding stuffs were registered, and 1,410 licenses were issued to 1,086 manufacturers.

CONCLUSIONS

Of the 1,178 official samples analyzed, 213 or 18.08% were deficient in protein or fat and contained fiber in excess of the tolerances provided, 12 samples or 1.02% were found deficient in protein 134 or 11.38% deficient in fat, and 90 or 7.64% exceeded guarantees for fiber.

Of the total number of samples analyzed, 1,108 represented Proprietary Mixed Feeds, 10 being deficient in protein, 128 deficient in fat, and 82 containing excess fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients, and where discrepancies were found manufacturers were accordingly notified.

In some instances ingredients were found present not claimed by the manufacturer, and these findings are listed in Table II under the column designated as "Composition." The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and he naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I.-CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAM- PLES	BRANDS	GUARA- NTEED	PROTEIN P. CT.	FAT P. CT.	FIBER P. CT.	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Cottonseed Meal	3	3	3	41.21	6.29	10.70	33.00	---	---	---
Linseed Oil Meal	3	2	3	35.00	5.95	8.69	53.00	---	---	---
Soybean Oil Meal	4	3	4	5.21	5.53	5.53	32.35	---	---	---
Distillers Dried Grains	2	2	2	44.81	7.03	15.00	28.00	1	---	---
Brewers Dried Grains	2	2	2	21.47	5.68	15.43	27.50	---	---	---
Corn Gluten Feed	3	3	3	27.01	2.51	7.90	31.67	---	---	---
Hominy Feed	2	2	2	11.41	6.35	4.85	32.00	---	---	---
Corn Feed Meal	2	2	2	9.07	4.01	2.91	30.00	---	1	---
Wheat Bran	18	16	18	16.47	4.16	9.76	27.75	---	1	3
Wheat Middlings	16	11	16	16.72	3.82	5.09	30.48	---	4	2
Red Dog Wheat Flour	2	2	2	19.22	4.41	4.60	31.00	---	---	1
Alfalfa Meal	2	2	2	16.35	2.54	28.26	32.00	2	---	---
Proprietary Dairy Feed	310	235	310	24.18	4.03	8.88	34.25	---	51	14
Proprietary Stock, Horse & Mule Feed	57	45	57	13.24	3.52	7.92	34.17	---	6	1
Proprietary Calf Meal	8	7	8	25.28	4.00	5.22	65.71	---	1	---
Proprietary Swine Feed	91	68	91	21.71	4.37	6.68	38.61	2	11	8
Corn and Oats Chop	28	26	25	10.91	3.78	6.55	31.02	---	7	3
Chop Feed	15	8	15	11.19	3.74	8.90	28.00	---	2	---
Proprietary Scratch Feed	34	30	34	10.46	2.82	2.65	35.17	---	4	2
Proprietary Mash Feed	512	377	512	20.21	4.63	6.48	44.77	5	34	50
Proprietary Small Animal Feed	53	45	50	---	---	---	---	1	12	4
Meat and Bone Scrap	8	8	8	50.21	10.15	2.75	40.17	---	---	---
Tankage	2	2	2	62.41	9.83	2.21	40.00	---	---	---
Miscellaneous Feed	1	1	1	---	---	---	---	---	---	---
TOTAL	1178	902	1172	---	---	---	---	12	134	90

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat, and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

OIL CAKE BY-PRODUCTS including Cottonseed Meal, Linseed Oil Meal and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS

MAIZE BY-PRODUCT including Corn Gluten Feed, Hominy Feed, and Corn Feed Meal.

WHEAT OFFALS (with and without Ground Grain Screenings) including Wheat Bran, Wheat Middlings, and Red Dog Wheat Flour.

ALFALFA MEAL.

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Poultry Scratch Feed, Mash Feed and Small Animal Feed.

ANIMAL BY-PRODUCT.

MISCELLANEOUS FEED.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OIL CAKE PRODUCT</u>							
<u>Cottonseed Meal</u>							
HUMPHREYS-GOLDWIN CO., Memphis, Tenn. Dixie Brand 41% Protein Prime Quality (8543)	41.81	41.00	6.15	5.00	9.58	12.00	As Certified
L. B. LOVITT & CO., Memphis, Tenn. Lovit Brand 41% Protein Prime Quality (8433)	39.81	41.00	6.55	5.00	11.67	13.00	As Certified
PERKINS OIL CO., INC., Memphis, Tenn. Golden Rod 41% Protein (8000)	42.00	41.00	6.16	6.00	10.86	10.00	As Certified
Average	41.21	-----	6.29	----	10.70	-----	
<u>Linseed Oil Meal</u>							
JOHN T. LEWIS & BROS. CO., Philadelphia, Pa. 34% Old Process Linseed Meal (B229)	35.50	34.00	6.47	5.00	8.51	10.00	As Certified
THE SHERWIN-WILLIAMS CO., Cleveland, Ohio Pure Old Process 34% Linseed Meal (7931)	35.25	34.00	5.86	4.50	8.63	9.00	As Certified
Pure Old Process 34% Linseed Meal (8548)	34.25	34.00	5.51	4.50	8.93	9.00	As Certified
Average	35.00	-----	5.95	----	8.69	----	
<u>Soybean Oil Meal</u>							
FUNK BROS. SEED CO., Bloomington, Ill. 41% Protein Soybean Oil Meal (8283)	45.63	41.00	5.61	4.50	5.21	7.00	As Certified
SPENCER KELLOGG & SONS, INC., Buffalo, N. Y. 41% Protein Old Process Soybean Oil Meal (8228)	43.81	41.00	5.09	4.50	5.99	7.00	As Certified
41% Protein Old Process Soybean Oil Meal (8907)	44.06	41.00	4.20	4.50	5.33	7.00	As Certified
SWIFT & COMPANY (SOY BEAN MILL), Champaign, Ill. Soy Bean Oil Meal (8435)	45.75	41.00	5.95	4.50	5.61	7.00	As Certified
Average	44.81	-----	5.21	----	5.53	----	
<u>DISTILLERY AND BREWERY BY-PRODUCT</u>							
<u>Distillere' Dried Grains</u>							
RAY KRAMER, Pittsburgh, Pa. Ry-Protein Distillere Grains (8248)	22.31	24.00	8.34	6.00	15.17	17.00	As Certified
P. J. OESTERLING & SON, INC., Butler, Pa. Rye and Corn Distillere Grains and Molasses (8726)	20.63	21.00	5.71	5.00	14.84	17.00	As Certified
Average	21.47	-----	7.03	----	15.00	-----	
<u>Brewere' Dried Grains</u>							
T. A. HAUSCHEL, Chicago, Ill. Brewere Dried Grains (B227)	30.88	24.00	6.78	5.50	13.51	18.00	As Certified
THE NEUMOND CO., St. Louis, Mo. Dried Brewere Grains (8717)	23.13	24.00	4.58	4.50	17.35	18.00	As Certified
Average	27.01	-----	5.68	----	15.43	-----	
<u>MAIZE BY-PRODUCTS</u>							
<u>Corn Gluten Feed</u>							
AMERICAN MAIZE PRODUCTS CO., New York, N. Y. Cream of Corn Gluten Feed (8762)	26.94	25.00	3.90	2.00	7.45	8.50	As Certified
CORN PRODUCTS REFINING CO., New York, N. Y. Buffalo Corn Gluten Feed (8425)	28.13	25.00	2.13	2.00	7.62	8.50	As Certified
PENICK & FORD LTD., INC., Cedar Rapids, Iowa Douglas Corn Gluten Feed (8547)	27.63	25.00	1.50	1.50	8.63	8.50	As Certified
Average	27.57	-----	2.51	----	7.90	----	
<u>Rominy Feed</u>							
MOUNT VERNON MILLING CO., Mount Vernon, Ind. Poco Rominy Feed (8459)	10.94	10.00	7.83	7.00	5.26	6.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Yellow Rominy Feed (8538)	11.88	10.00	4.86	5.00	3.84	5.00	As Certified
Average	11.41	-----	6.35	----	4.55	----	
<u>Corn Feed Meal</u>							
THE MENNEL MILLING CO., Toledo, Ohio Corn Feed Meal (8093)	8.94	9.00	4.00	3.50	2.27	3.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE RICHARDS MILLING CO., Cortland, O. Corn Feed Meal (8277)	9.19	9.00	4.02	5.00	3.55	7.00	As Certified
Average	9.07	----	4.01	----	2.91	----	
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
(With and Without Ground Grain Screenings)							
COMMERCIAL MILLING CO., Detroit, Mich. Henkel's Extra Fancy Pure Spring Wheat Bran (7934)	18.69	17.00	4.25	4.00	10.20	11.00	As Certified
DREYER COMMISSION CO., St. Louis, Mo. Dryco Wheat Bran with Screenings (8162)	18.25	14.50	4.03	3.50	9.55	10.00	As Certified
GENERAL MILLS, INC., Chicago, Ill. Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings (8928)	16.75	14.00	3.93	3.50	10.45	12.00	As Certified
HEPTY MILLING CO., Watsonstown, Pa. Wheat Bran (8230)	14.25	14.00	3.63	3.50	10.64	12.00	As Certified
R. R. IKELER EST., Bloomsburg, Pa. Wheat Bran (8238)	12.94	10.60	3.49	4.20	10.22	10.00	As Certified
INTERNATIONAL MILLING CO., Minneapolis, Minn. Black Hawk Pure Wheat Bran (8318) Black Hawk Pure Wheat Bran (8596)	17.56 17.81	15.00 15.00	4.47 4.12	3.20 3.20	10.81 9.62	12.00 12.00	As Certified As Certified
ROBERT JAMIESON & SON, Fradonia, Pa. Pure Wheat Bran (8790)	14.81	14.00	4.07	3.00	5.32	10.00	As Certified
THE KANSAS FLOUR MILLS CORP., Kansas City, Mo. Big Flake Pure Wheat Bran (8436) Big Flake Pure Wheat Bran (8463)	16.31 16.94	15.00 15.00	4.14 4.02	3.50 3.50	10.03 10.82	11.00 11.00	As Certified As Certified
KING MIDAS FLOUR MILLS, Minneapolis, Minn. Cloverleaf Pure Wheat Bran (8316)	17.25	15.00	5.13	4.00	10.61	12.00	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio Pure Wheat Bran (8209)	16.25	14.00	4.07	3.00	10.09	10.00	As Certified
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Pillsbury Best XXXX Wheat Bran with Wheat Flour Screenings (8711)	17.44	14.50	5.00	3.50	10.14	11.00	As Certified
SPRINGFIELD MILLING CORP., Springfield, Minn. White Swan Pure Wheat Bran (8168)	18.31	16.00	4.53	4.50	9.08	10.00	As Certified
F. W. STOCK & SONS, Hillsdale, Mich. Stock's Bran (8268)	17.63	17.50	4.37	4.00	8.82	10.00	As Certified
UNITED MILLS CO., INC., Grafton, Ohio U.M.C. Wheat Bran (8002)	14.50	15.00	3.76	4.00	10.30	10.00	As Certified
WASHINGTON MILLING CO., Washington, Pa. Pure Wheat Bran (8483)	15.00	14.00	3.62	3.00	10.02	10.50	As Certified
WILLIAMS BROTHERS CO., Kent, Ohio Pure Ohio Wheat Bran (8280)	15.81	14.00	4.25	3.00	9.12	12.00	As Certified
Average	16.47	-----	4.16	----	9.76	-----	
<u>Wheat Middlings</u>							
(With and Without Ground Grain Screenings)							
R. S. ALTMAN, Irwin, Pa. Altman's Trojan Flour Middlings with Wheat Screenings not exceeding Mill Run (8163)	13.81	15.00	2.78	5.00	3.37	3.50	As Certified
Altman's Trojan Flour Middlings with Wheat Screenings not exceeding Mill Run (8205)	16.50	15.00	3.42	5.00	4.17	3.50	As Certified
Altman's Trojan Flour Middlings with Wheat Screenings not exceeding Mill Run (8456)	15.88	15.00	3.57	5.00	4.07	3.50	As Certified
BAY STATE MILLING CO., Winona, Minn. Wingold Hard Wheat Flour Middlings with Wheat Screenings (8606)	20.19	16.00	4.01	4.00	6.96	6.00	As Certified
BUCKEYE CEREAL CO., Maestillon, Ohio White Middlings (8549)	16.44	15.00	3.57	3.50	4.72	5.50	As Certified
CANNON VALLEY MILLING CO., Minneapolis, Minn. Cannon Valley Feed (8550)	18.94	17.00	2.35	2.50	3.05	6.00	As Certified
HEPTY MILLING CO., Watsonstown, Pa. Wheat Middlings (8231)	14.69	14.00	3.90	3.50	5.02	12.00	As Certified
INTERNATIONAL MILLING CO., Minneapolis, Minn. Blackhawk Wheat Standard Middlings with Screenings (8514)	18.13	16.00	3.92	4.50	8.19	8.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ROBERT JAMIESON & SON, Fredonia, Pa. Pure Wheat Middlings (8789)	16.50	15.00	4.45	3.50	5.32	6.00	As Certified
LaGRANGE MILLS, Red Wing, Minn. Extra Quality Wheat Standard Middling with Ground Screenings not exceeding Mill Run (8256)	19.56	16.50	4.89	5.00	6.89	9.50	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio Tollie (Wheat Middling and Wheat Flour with Ground Screenings not exceeding Mill Run) (7988)	15.13	15.00	3.85	3.50	4.77	6.00	As Certified
Tollie (Wheat Middling and Wheat Flour with Ground Screenings not exceeding Mill Run) (8267)	15.69	15.00	3.21	3.50	4.41	6.00	As Certified
Tollie (Wheat Middlings and Wheat Flour with Ground Screenings not exceeding Mill Run) (8710)	16.44	15.00	4.00	3.50	5.12	6.00	As Certified
Tollie (Wheat Middling and Wheat Flour with Ground Screenings not exceeding Mill Run) (8906)	15.94	15.00	3.56	3.50	4.46	6.00	As Certified
UNITED MILLS CO., INC., Grafton, Ohio U.M.C. Wheat Middlings (8904)	16.13	16.50	4.67	5.00	6.22	7.50	As Certified
WASINGTON MILLING CO., Washington, Pa. Pure Wheat Middling (8485)	17.56	15.00	5.01	4.00	4.72	6.00	As Certified
Average	16.72	-----	3.82	----	5.09	----	
<u>Red Dog Wheat Flour</u>							
BAY STATE MILLING CO., Winona, Minn. Wingold Pure Hard Wheat Red Dog (8604)	22.63	16.50	4.14	3.80	3.90	3.50	As Certified
BLAINE, MACKAY, LEE CO., North East, Pa. Red Dog Wheat Flour (8023)	15.81	15.00	4.67	3.00	5.31	4.00	As Certified
Average	19.22	-----	4.41	----	4.60	----	
<u>ALFALFA MEAL</u>							
SAUNDERS MILLS, INC., Toledo, Ohio Dehydrated Alfalfa Meal - Carotene Brand (8312)	20.00	17.00	3.21	1.50	21.62	25.00	As Certified
Xtra Fine Ground Alfalfa Meal (8716)	12.69	13.00	1.87	1.50	34.90	33.00	As Certified
Average	16.35	-----	2.54	----	28.26	-----	
<u>MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS</u>							
<u>Proprietary Dairy Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Dairy Feed A (7889)	25.94	22.00	4.01	4.00	7.51	9.00	As Certified
Acme Golden Dairy Feed A (8634)	25.06	22.00	3.79	4.00	7.41	9.00	As Certified
Acme Golden Supplemental Dairy Feed (7888)	34.94	32.00	4.95	4.25	7.61	10.00	As Certified
Acme 24% Dairy Feed (7890)	25.50	24.00	3.96	3.50	8.85	11.00	As Certified
ALLIED MILLS, INC., Chicago, Ill. Amco American Dairy Ration (8544)	26.63	24.00	4.63	4.00	7.28	10.00	As Certified
Amco 20% Dairy Ration (8541)	23.50	20.00	4.88	4.00	9.05	9.00	As Certified
Amco 24% Dairy Ration (8542)	25.38	24.00	4.85	4.00	7.89	9.00	As Certified
Amco 32% Supplemental Dairy Ration (8553)	33.94	32.00	5.14	4.00	7.25	9.00	As Certified
Empire 16% Dairy Feed (7907)	17.81	16.50	3.28	3.00	11.61	12.00	As Certified
Empire 16% Dairy Feed (8460)	20.06	16.50	3.61	3.00	12.18	12.00	As Certified
Empire 20% Dairy Ration (8290)	22.38	20.00	4.62	3.00	11.72	12.00	As Certified
Empire 24% Dairy Ration (8461)	26.69	24.00	4.70	3.00	10.73	12.00	As Certified
Empire 24% Dairy Ration (8540)	23.88	20.00	3.68	3.00	8.73	12.00	As Certified
Ideal 20% Dairy Feed (8539)	24.13	16.50	4.09	3.00	8.62	12.00	As Certified
Sucrose 16% Dairy Ration (8464)	21.25	16.00	4.12	3.00	8.60	12.00	As Certified
Topper 16% Dairy Feed (7909)	26.75	24.00	5.13	4.00	8.35	9.00	As Certified
Wayne 24% Dairy Feed (8285)	26.19	24.00	4.45	4.00	8.59	9.00	As Certified
Wayne 32% Farm Mix Dairy Feed (8465)	33.56	32.00	4.98	4.00	8.56	9.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's 16% Dairy Ration (8161)	18.06	16.00	3.01	3.00	10.30	12.00	Linseed oil meal not detected. Found in addition malt sprouts and brewers dried grains.
Altman's 16% Dairy Ration (8213)	16.63	16.00	3.20	3.00	11.25	12.00	Found in addition malt sprouts and brewers dried grains.
Altman's 16% Dairy Ration (8457)	18.81	16.00	3.33	3.00	8.77	12.00	Linseed oil meal not detected.
Altman's 16% Dairy Ration (8927)	19.19	16.00	2.98	3.00	7.88	12.00	As Certified
Altman's 20% Dairy Ration (8152)	20.63	20.00	3.24	4.00	11.02	12.00	As Certified
Altman's 20% Dairy Ration (8214)	19.94	20.00	3.82	4.00	9.69	12.00	Dried beet pulp not detected. Found also brewers dried grains and malt sprouts.
Altman's 20% Dairy Ration (8420)	22.44	20.00	4.06	4.00	11.20	12.00	Linseed oil meal not detected.
Altman's 24% Dairy Ration (7733)	23.26	24.00	4.00	4.00	9.13	12.00	As Certified
Altman's 24% Dairy Ration (8215)	22.88	24.00	4.01	4.00	8.41	12.00	As Certified
Altman's 24% Dairy Ration (8422)	23.44	24.00	3.21	4.00	7.92	12.00	Linseed oil meal not detected.
Altman's 24% Dairy Ration (8455)	22.81	24.00	3.00	4.00	7.50	12.00	Linseed oil meal not detected.
Altman's 24% Dairy Ration (8929)	24.63	24.00	2.90	4.00	9.40	12.00	Found in addition brewers dried grains.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Altman's 32% Dairy Concentrate (8150)	35.06	32.00	3.97	4.00	6.38	10.00	Found in addition malt sprouts.
Altman's 32% Dairy Concentrate (8930)	33.06	32.00	3.42	4.00	6.05	10.00	As Certified
R. A. BATES & SON, Knoxville, Pa.							
20 Oak Leaf Dairy Ration 20 (7790)	20.75	20.00	3.28	4.00	5.56	9.00	As Certified
24 Oak Leaf Dairy Ration 24 (7791)	24.63	24.00	3.31	4.00	6.72	9.00	Found ground grain screenings in excess of mill run.
30 Oak Leaf Dairy Ration 30 (7792)	30.94	30.00	4.43	4.00	6.65	9.00	Found in addition ground grain screenings.
THE SEACON MILLING CO., INC., Cayuga, N. Y.							
Auburn Dairy Feed (8569)	22.13	20.00	3.52	4.00	8.59	10.00	As Certified
Seacon "20" (8571)	22.31	20.00	4.04	4.50	9.05	9.00	As Certified
C. R. BERGER, Trout Run, Pa.							
Berger's Milk Producer (7903)	22.94	24.00	5.50	4.00	7.65	9.00	As Certified
BLANK & GOTTSHALL CO., INC., Sunbury, Pa.							
B. & G. 16% Protein Dairy Ration (7865)	16.13	16.00	3.19	4.00	12.60	11.00	Found in addition ground buckwheat.
B. & G. 20% Dairy Ration (7867)	22.94	20.00	3.81	4.00	9.75	11.00	As Certified
B. & G. 24% Dairy Ration (7868)	27.00	24.00	4.26	4.00	9.74	11.00	As Certified
B. & G. 40% Mixing Supplement (7860)	38.13	40.00	5.82	4.00	3.37	6.00	Linseed meal not detected. Found in addition oyster shell meal.
B. & G. Special Mix (7871)	23.88	21.00	6.22	4.00	4.40	5.00	As Certified
Sunbury 32% Farm Mix Ration (7861)	33.31	32.00	4.16	4.50	6.63	10.00	Found in addition soybean meal and ground buckwheat.
BROWN & FASSETT, Tunkhannock, Pa.							
E. & F. Dairy Ration (8947)	23.19	23.00	3.31	4.00	7.26	9.00	As Certified
B. & F. Milk Ration (7972)	18.25	18.00	2.94	3.50	7.18	11.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Economy Dairy Feed (8648)	27.00	24.00	3.92	4.00	9.44	12.00	As Certified
Our Quality 20% Dairy Ration (8651)	23.81	20.00	3.04	4.00	11.00	12.00	As Certified
Our Quality 24% Dairy Ration (8646)	26.56	24.00	4.02	4.00	7.50	12.00	As Certified
Our Quality 32% Dairy Ration (8647)	32.75	32.00	3.81	4.00	6.38	12.00	Found in addition beet pulp.
BUCKEYE CEREAL CO., Massillon, Ohio							
20% Ber-X Dairy Feed (8629)	25.81	20.00	3.01	3.00	8.72	12.00	As Certified
24% Malt Dairy Feed (8628)	28.06	24.00	3.02	3.00	8.00	10.00	As Certified
CANONSBURG MILLING CO., Canonsburg, Pa.							
C.M.C. 20% Dairy Feed (8250)	19.44	20.00	4.15	4.00	7.70	9.00	As Certified
CHAMPION MILLS, Brownsville, Pa.							
Champion Dairy Feed (8683)	19.06	20.00	3.67	3.00	6.75	8.00	As Certified
CHECKERBOARD FEED STORE, Punxsutawney, Pa.							
Punxy 20% Dairy Ration (8612)	23.25	20.00	3.36	3.00	12.46	14.00	Linseed oil meal not detected. Found in addition small amount small unground weed seed.
COOPERATIVE FEED DEALERS, INC., Singhamton, N. Y.							
C.F.D. 16% Dairy Ration (7840)	16.00	16.00	3.28	4.00	8.37	10.00	As Certified
C.F.D. 24% Dairy Ration (7835)	26.75	24.00	4.25	4.50	7.44	10.00	Found in addition ground oats.
C.F.D. 24% Dairy Ration (7836)	24.50	24.00	4.17	4.50	7.91	10.00	As Certified
C.F.D. 24% Dairy Ration (8022)	24.56	24.00	4.69	4.50	8.08	10.00	Found in addition brewers dried grains.
COOPERATIVE G.L.F. MILLS, INC., Buffalo, N. Y.							
18% Cow Feed (8057)	19.31	16.00	4.12	3.00	11.43	12.00	As Certified
18% Cow Feed (8764)	21.94	18.00	3.76	3.00	9.88	12.00	As Certified
18% Cow Feed (8849)	24.00	18.00	3.95	3.00	10.58	12.00	As Certified
20% Cow Feed (7769)	22.38	20.00	4.92	3.50	9.93	12.00	As Certified
20% Cow Feed (7780)	20.94	20.00	3.52	3.50	9.57	12.00	As Certified
20% Cow Feed (8056)	21.69	20.00	5.02	3.50	9.13	12.00	As Certified
24% Cow Feed (7781)	24.63	24.00	4.08	3.00	10.26	12.00	As Certified
30% Dairy Supplement (7779)	34.13	30.00	4.85	4.00	6.85	10.00	As Certified
30% Dairy Supplement (8054)	34.38	30.00	5.33	4.00	7.65	10.00	As Certified
30% Dairy Supplement (8772)	33.88	30.00	4.95	4.00	6.49	10.00	As Certified
30% Dairy Supplement (8850)	35.56	30.00	4.50	4.00	6.75	10.00	As Certified
Exchanges Dairy (7766)	20.06	20.00	5.09	4.00	7.29	10.00	As Certified
Exchanges Dairy (7785)	23.81	20.00	5.12	4.00	7.16	10.00	Found in addition brewers grains.
Exchange Dairy (8767)	23.38	20.00	5.22	4.00	6.62	10.00	As Certified
Legume Dairy (7770)	19.88	18.00	5.15	4.00	6.38	10.00	As Certified
Legume Dairy (7786)	18.25	18.00	4.26	4.00	5.75	10.00	As Certified
Milk Maker (7783)	26.00	24.00	4.53	4.00	7.16	10.00	As Certified
Milk Maker (8049)	24.69	24.00	4.79	4.00	7.42	10.00	As Certified
Milk Maker (8765)	26.69	24.00	4.50	4.00	7.12	10.00	As Certified
Milk Maker (8851)	26.63	24.00	4.39	4.00	6.33	10.00	As Certified
Super Exchanges Dairy (7771)	21.94	20.00	5.37	4.50	7.49	9.50	As Certified
Super Exchange Dairy (7778)	21.50	20.00	5.01	4.50	7.30	9.50	As Certified
Super Milk Maker (7759)	25.69	24.00	4.75	4.50	6.85	9.50	As Certified
Super Milk Maker (7767)	25.38	24.00	4.81	4.50	7.90	9.50	As Certified
Super Milk Maker (7782)	28.44	24.00	5.07	4.50	6.99	9.50	As Certified
Super Milk Maker (8768)	27.25	24.00	5.45	4.50	6.27	9.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CUSTER'S FLOUR MILL, Milton, Pa. Custer's 32% Dairy Ration (8243)	35.06	32.00	4.55	4.50	8.53	8.50	As Certified
A. O. DAILEY & SONS, INC., Singhamton, N. Y. Dailey's 16 Dairy Ration with Molasses (8576)	16.69	16.00	3.02	3.50	12.65	12.10	Linseed oil meal not detected. As Certified
Dailey's Special 20 Dairy Ration (8577)	22.00	20.00	3.55	3.50	11.33	12.10	As Certified
Dailey's 24 Dairy Ration with Molasses (8578)	25.75	24.00	3.88	4.00	8.95	11.00	As Certified
DARLINGTON MILLING CO., Darlington, Pa. Darmico 20% Dairy (8637)	23.44	20.00	3.54	3.00	8.35	8.00	As Certified
DAYTON MILLING CO., Towanda, Pa. Dayton's Fox Chase Dairy Ration (8868)	21.88	20.00	3.95	4.50	9.63	10.00	As Certified
Dayton's Ideal Dairy Ration (8867)	25.06	24.00	4.19	4.50	9.51	10.00	As Certified
Dayton's 20% Dairy Ration (8869)	23.13	20.00	3.93	4.00	6.47	11.00	As Certified
DEAN & LEE, Horseheads, N. Y. Perfection Dairy Ration (8378)	22.44	20.00	3.90	4.50	9.63	9.00	As Certified
Pioneer Dairy Ration (8379)	24.56	24.00	4.02	5.00	9.34	9.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Brighton 20% Dairy Ration (8410)	22.75	20.00	2.86	3.00	12.01	11.50	As Certified
Brighton 24% Dairy Ration (8411)	26.38	24.00	2.43	3.00	9.87	11.00	As Certified
Diamond 20% Dairy Ration (8412)	22.44	20.00	3.51	3.50	7.23	10.00	As Certified
Diamond 24% Dairy Ration (8413)	27.50	24.00	3.62	3.50	6.65	8.50	As Certified
FRED DIEFENDERFER & SON, Sharpsville, Pa. Diefenderfer's 20% Dairy Feed (8788)	20.69	20.00	4.00	4.00	7.23	12.00	Found in addition linseed oil meal. As Certified
Diefenderfer's 24% Dairy Feed (8787)	26.00	24.00	3.28	4.00	7.42	12.00	As Certified
DIETRICH & GAMBRILL, INC., Frederick, Md. D. & G. Dairy Feed (7739)	21.13	20.00	3.79	4.00	11.57	12.00	As Certified
Frederick Dairy Feed (7740)	26.13	24.00	4.89	4.00	11.30	12.00	As Certified
Gambrill's A 1 Dairy Feed (7738)	24.75	24.00	4.60	4.60	8.95	9.00	As Certified
Gambrill's High Protein Dairy Feed (7742)	33.94	32.00	5.08	5.00	9.66	9.00	As Certified
Pen Mar Dairy Feed (7741)	21.31	20.00	4.35	4.00	8.21	9.00	As Certified
F. A. DRAKE'S SON, Cambridge Springs, R.D., Pa. Drake's Dairy Ration (8060)	23.69	20.00	4.15	4.50	7.91	11.00	As Certified
THE ROY J. LUNHAM MILL, Wellstaro, Pa. 20% Special Dairy Ration (8384)	22.56	18.00	4.80	3.00	11.61	12.00	As Certified
Tyoga 20% Dairy Ration (8383)	19.63	20.00	4.29	4.50	7.50	10.00	As Certified
Tyoga 24% Molasses Dairy Ration (8385)	25.25	24.00	5.10	4.00	7.66	8.00	As Certified
Tyoga 24% Plain Dairy Ration (8386)	26.50	24.00	5.10	4.00	8.18	9.00	As Certified
EASTERN STATES FARMERS EXCHANGE Springfield, Mass. Fulpail (8533)	22.81	20.00	4.34	4.00	6.56	8.50	As Certified
Righland 20 (8526)	22.38	20.00	4.02	3.50	8.92	11.50	As Certified
32% Supplement Feed (8527)	34.88	32.00	5.02	4.50	7.08	8.00	As Certified
ERIE CO-OPERATIVE MILK PRODUCERS, INC., Erie, Pa. 24% Special Dairy Ration (8092)	27.25	24.00	4.67	4.00	8.00	11.00	As Certified
JOHN W. ESPELMAN & SONS, Lancaster, Pa. Challenge 24% Dairy Feed (8041)	21.06	24.00	4.58	4.00	9.25	11.00	As Certified
Challenge 24% Dairy Feed (8336)	26.38	24.00	4.41	4.00	9.34	11.00	As Certified
Conestoga 20% Dairy Feed (8040)	21.19	20.00	4.01	4.00	10.50	11.00	As Certified
Conestoga 20% Dairy Feed (8340)	24.00	20.00	4.21	4.00	9.61	11.00	As Certified
Maintenance 20% Dairy Feed (8042)	20.44	20.00	3.81	4.00	11.81	11.00	As Certified
Pennsy 16% Dairy Feed (8043)	17.25	16.00	3.57	3.00	12.88	11.00	As Certified
Pennsy 16% Dairy Feed (8337)	19.81	16.00	3.88	3.00	11.35	11.00	Found in addition small amount unground weed seeds. As Certified
Red Rose 20% Dairy Feed (8039)	23.25	20.00	4.51	4.00	8.62	11.00	As Certified
Red Rose 20% Dairy Feed (8199)	23.00	20.00	4.77	4.00	8.52	11.00	As Certified
Red Rose 24% Dairy Feed (8187)	25.25	24.00	4.43	4.00	9.37	11.00	As Certified
Red Rose 24% Dairy Feed (8341)	25.94	24.00	4.05	4.00	8.08	11.00	As Certified
Red Rose 24% Dairy Feed (8446)	25.44	24.00	4.00	4.00	8.66	11.00	As Certified
Red Rose 32% Mixing Ration (8038)	33.63	32.00	4.41	4.50	8.20	9.00	As Certified
Red Rose 32% Mixing Ration (8198)	33.31	32.00	4.43	4.50	8.26	9.00	As Certified
FARM BUREAU MILLING CO., INC., Chicago, Ill. Mermade Balancer 32% Protein with Cod Liver Oil (8705)	31.56	32.00	4.87	4.00	5.80	6.50	As Certified
Milk Maker 16% (8358)	17.50	16.00	4.26	3.00	7.49	9.00	As Certified
Milk Maker 20% (8355)	20.25	20.00	4.46	3.00	7.56	9.00	As Certified
Milk Maker 20% (8701)	22.44	20.00	5.03	4.00	6.67	10.00	As Certified
Milk Maker 24% (8356)	27.00	24.00	4.21	3.75	7.57	9.00	As Certified
Milk Maker 32% (8357)	33.38	32.00	4.01	3.75	7.45	9.00	As Certified
Pailfiller 24% Dairy (8703)	24.25	24.00	3.88	3.00	9.27	11.50	As Certified
G & M MILLING COMPANY, West Wyoming, Pa. 20% Dairy Feed (7976)	23.50	20.00	4.71	5.00	6.33	10.00	As Certified
24% Dairy Feed (7973)	28.31	24.00	4.85	5.00	7.07	10.00	Found in addition soybean meal.
GOOD'S CITY MILLS, INC., Williamsport, Pa. Good's Dairy Feed (7895)	24.50	24.00	3.67	4.00	8.06	11.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
D. H. GRANDIN MILLING CO., Jamestown, N. Y. M-S (Money Saver) 20% Dairy Feed (8507)	22.81	20.00	4.33	3.50	9.57	12.00	As Certified
GRANT'S FEED STORE, Meadville, Pa. Better 20% Dairy Feed (8831)	21.56	20.00	4.83	4.00	11.71	12.00	As Certified
Milk-Better Dairy Feed (8829)	25.88	24.00	5.02	4.90	9.83	10.00	As Certified
Special 18% Dairy Feed (8832)	19.88	18.00	4.61	4.90	10.60	11.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y. Milky Way Dairy Feed 24% (8511)	26.31	24.00	3.41	3.50	8.25	9.00	As Certified
Milky Way Dairy Feed 32% (8510)	34.25	32.00	4.05	4.00	7.93	8.00	As Certified
GREENVILLE MILLING CO., Greenville, Pa. Puritan 20% Dairy Feed (8784)	21.88	20.00	3.90	4.00	8.29	12.00	As Certified
Puritan 24% Dairy Feed (8782)	24.25	24.00	3.75	4.00	8.35	12.00	As Certified
HARPER GRAIN COMPANY, Pittsburgh, Pa. 16% Green Pastures Milk Ration (8015)	16.44	16.00	4.30	3.00	8.87	12.00	As Certified
20% Green Pastures Milk Ration (8012)	21.06	20.00	4.25	4.00	9.93	12.00	As Certified
Harper's Select 20% Dairy Ration (8013)	21.19	20.00	4.34	4.00	9.82	12.00	As Certified
Harper's Select 24% Dairy Ration (8003)	25.25	24.00	4.08	4.00	9.00	12.00	As Certified
I. B. HEIMSACH & SON, East Greenville, Pa. 18% Special Dairy Feed (8116)	19.94	18.00	4.96	3.50	8.86	11.00	As Certified
32% Dairy Supplement (8118)	33.06	32.00	4.12	3.50	7.32	9.00	As Certified
Plain Sack Dairy Feed (8117)	27.38	24.00	3.87	4.00	8.39	10.00	As Certified
THE HERRMAN-McLEAN COMPANY, Cleveland, Ohio Blue Grass 22% Dairy Ration (8352)	23.13	22.00	3.70	3.50	8.63	12.00	As Certified
Ohio 16% Dairy Ration (8447)	17.00	16.00	3.50	3.50	14.75	15.00	Found in addition small unground weed seeds and brewers dried grains.
Ohio 24% Dairy Ration (8449)	26.00	24.00	3.10	3.50	10.90	12.00	Found in addition small amount unground small weed seeds and brewers dried grains.
Portage 20% Dairy Ration (8351)	23.44	20.00	3.41	3.50	12.81	12.00	As Certified
Portage 20% Dairy Ration (8448)	24.31	20.00	4.28	3.50	11.16	12.00	Found in addition unground small weed seeds and brewers dried grains.
J. F. HOGSETT & SONS, Uniontown, Pa. Hogsett's 20% Dairy Feed (8478)	18.75	20.00	3.35	4.00	10.19	12.00	As Certified
Hogsett's 24% Dairy Feed (8477)	22.63	24.00	4.12	4.00	9.40	12.00	As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa. 18% Dairy Ration (Sweetened) (7847)	19.69	18.00	3.73	3.50	7.44	9.00	As Certified
Tru-Mix 20% Dairy Ration (Sweetened) (7842)	22.63	20.00	3.70	4.50	8.21	9.00	As Certified
Tru-Mix 24% Dairy Ration (Sweetened) (7843)	26.38	24.00	3.79	4.50	8.14	9.00	As Certified
HUBBARD MILLING CO., Mankato, Minn. Hubbard's Sunshine Concentrate with Cod Liver Oil (8119)	33.56	32.00	5.60	5.00	6.65	7.00	As Certified
F. W. HUTCHISON & CO., New Castle, Pa. Hutchison 24% Dairy (8668)	27.56	24.00	4.06	4.00	9.94	12.00	Found in addition linseed oil meal. As Certified
Hutchison 33% Dairy (8670)	34.75	33.00	4.39	4.50	8.59	8.50	As Certified
JUNIATA ROLLER MILLS, Thompsontown, Pa. Burns' Quality Dairy Feed 32% (8863)	32.50	32.00	3.81	4.00	7.57	9.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Apex 20% Dairy Ration (8370)	22.63	20.00	4.18	3.50	11.17	12.00	As Certified
Seatsall Dairy Ration (Milk Grains) (7914)	22.06	22.00	4.08	4.00	8.62	10.00	Found in addition brewers dried grains.
Kasco Mornmilk Dairy Ration (8563)	25.63	24.00	4.40	4.50	8.16	10.00	As Certified
Kasco Open Formula 20% Dairy Ration (7808)	23.13	20.00	4.28	3.50	7.95	10.00	As Certified
Kasco Sweet 16% Dairy Feed (7921)	19.56	16.00	4.07	3.50	10.81	12.00	As Certified
Kasco Sweet 16% Dairy Feed (8366)	17.75	16.00	3.71	3.50	12.53	12.00	Found in addition small amount small whole weed seeds.
Kasco Sweet 16% Dairy Feed (8396)	19.13	16.00	3.43	3.50	10.92	12.00	As Certified
Kasco 20% Milk Maker (7810)	22.88	20.00	3.92	4.00	7.40	10.00	As Certified
Kasco 32% Mixing Feed (7800)	32.63	32.00	4.24	5.00	7.10	10.00	As Certified
Oc-Sak 24% Dairy Feed (8368)	26.31	24.00	4.50	3.50	11.74	12.00	As Certified
J. J. KENNEDY & SONS, Zelienople, Pa. Kennedy's Dairy Feed (8713)	20.31	20.00	3.68	4.00	6.93	10.00	As Certified
KEERTOWN MILLING CO., Meadville, Pa. Imperial Dairy Feed (8825)	23.00	24.00	4.51	4.00	9.13	11.00	Found in addition brewers dried grains.
H. S. KRATZ & SON, Schwenksville, Pa. Ideal Dairy Ration (8097)	23.75	20.50	5.87	3.50	9.31	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Larro The Ready Ration for Dairy Cows (8165)	22.56	20.00	4.40	3.75	10.57	12.00	As Certified
Larro The Ready Ration for Dairy Cows (8598)	23.56	20.00	3.93	3.75	10.76	12.00	As Certified
Larro The Ready Ration for Dairy Cows (8758)	22.69	20.00	4.00	3.75	10.09	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Larrowe's 16% Dairy Feed (B759)	19.19	16.00	3.07	3.00	11.00	11.00	As Certified
Larrowe's 32% Dairy Feed (B760)	34.25	32.00	4.97	4.00	10.45	10.50	As Certified
LYCOMING MILLS, Williamsport, Pa. Dairy Feed (7901)	22.81	24.00	5.96	4.50	6.52	9.50	Found in addition alfalfa meal, ground corn, ground oats, ground bone, oyster shell and fish meal.
MARITIME MILLING CO., INC., Buffalo, N. Y.							
B-B Hi-Test Dairy Feed 20% Protein (Sweetened) (B071)	20.81	20.00	3.92	4.00	11.48	12.00	As Certified
B-B Hi-Test Dairy Feed 20% Protein (Sweetened) (B437)	21.69	20.00	4.23	4.00	11.42	12.00	Found in addition small amount unground weed seeds.
B-B Hi-Test Dairy Feed 24% Protein (Sweetened) (B069)	25.69	24.00	4.25	4.00	10.61	12.00	As Certified
B-B Hi-Test Dairy Feed 24% Protein (Sweetened) (B43B)	25.94	24.00	4.63	4.00	11.13	12.00	Found in addition small amount unground weed seeds.
B-B Hi-Test Dairy Feed 24% Protein (Sweetened) (BB06)	27.19	24.00	4.44	4.00	8.97	12.00	Found in addition small amount small unground weed seeds.
Marmico 16% Protein Dairy Feed with Molasses (B070)	18.06	16.00	4.02	4.00	11.74	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (B807)	21.50	16.00	3.96	4.00	11.92	12.00	Found in addition small amount small unground weed seeds.
McMILLEN FEED MILLS, INC., Fort Wayne, Ind.							
Big C 16% Dairy Feed (B71B)	18.75	16.00	3.06	3.00	13.29	15.00	Found in addition malt sprouts.
Master Mix Blending Feed (B261)	34.19	30.00	1.01	1.00	6.98	8.00	As Certified
Master Mix 24% Dairy Feed (B720)	26.81	24.00	4.10	4.00	6.45	9.00	As Certified
Master Mix 32% Dairy Concentrate (B721)	33.13	32.00	3.21	4.00	6.54	9.00	As Certified
MEYERS BROTHERS, Watsonstown, Pa.							
Satin 20% Dairy Feed (B247)	23.00	20.00	3.91	4.00	8.56	12.00	As Certified
Satin 20% Dairy Feed (B5B3)	23.38	20.00	3.37	4.00	9.66	12.00	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, INC., Mifflinburg, Pa.							
Farmers Sugared Dairy Ration (B846)	18.81	15.00	2.91	3.30	11.20	12.00	As Certified
Farmers 20% Milk Producer (B845)	23.44	20.00	4.35	4.25	6.64	10.00	As Certified
Farmers 32% Dairy Feed (B843)	34.19	32.00	3.98	4.00	7.09	9.00	As Certified
MONACA ROLLER MILLS CO., Monaca, Pa.							
Fild's 20% Dairy Feed (B707)	26.75	20.00	3.52	4.00	8.96	12.00	As Certified
P. J. OESTERLING & SON, INC., Butler, Pa.							
Cash and Carry 24% Dairy Ration (B732)	25.69	24.00	3.96	3.50	9.09	11.00	As Certified
No. 7 Special Dairy Ration Containing Iodine (B141)	23.06	20.00	3.63	4.00	7.57	8.00	As Certified
No. 7 Special Dairy Ration Containing Iodine (B731)	22.94	20.00	3.70	4.00	8.04	8.00	As Certified
Our Special 20% Dairy Feed (B723)	21.44	20.00	3.05	3.00	10.81	11.00	As Certified
Our Special 20% Dairy Feed (B803)	22.75	20.00	3.00	3.00	10.70	11.00	As Certified
Sunside Brand Pennsylvania State Farmers Dairy Ration Big 5 (B142)	25.81	24.00	3.65	4.00	8.09	8.00	As Certified
Sunside Brand Pennsylvania State Farmers Dairy Ration Big 5 (B730)	25.69	24.00	4.05	4.00	7.67	8.00	As Certified
Sunside 16% Dairy and Fitting Ration (B737)	16.69	16.00	2.87	3.00	10.22	12.00	As Certified
Super 34% Dairy Ration (B143)	37.81	34.00	4.70	4.00	8.06	8.00	As Certified
Super 34% Dairy Ration (B748)	39.38	34.00	4.09	4.00	7.02	8.00	As Certified
Super 34% Dairy Ration (B804)	37.50	34.00	4.38	4.00	7.08	8.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Bidwell 20% Dairy Ration (B754)	21.00	20.00	3.85	3.50	11.60	12.00	Found in addition small amount small unground weed seeds.
Doublex 16% Dairy Ration (B752)	19.31	16.00	3.37	3.50	11.15	12.00	Found in addition small amount small unground weed seeds.
Doublex 20% Dairy Ration (B265)	18.81	20.00	3.25	3.50	10.39	11.00	As Certified
Doublex 24% Dairy Ration (B753)	26.19	24.00	3.96	3.50	9.91	11.00	Found in addition small amount small unground weed seeds.
W. H. PARKER, Waterford, Pa.							
22% Dairy Ration (B306)	25.00	22.00	5.55	4.00	6.93	9.00	As Certified
PETERSBURG MILLING CO., Bessemer, Pa.							
Pemico Dairy Feed (B672)	25.25	24.00	3.87	4.00	8.44	10.00	As Certified
PHILIPS & SIBLEY CO., Cuba, N. Y.							
Non-E-Maker Dairy Ration (B802)	25.88	24.00	4.24	4.50	6.39	10.00	As Certified
P. S. Dairy Ration (B799)	23.50	20.00	3.76	4.00	6.95	10.00	As Certified
6-Teen Sweetened Dairy Ration (B79B)	19.50	16.00	3.25	3.50	9.28	12.00	As Certified
PRATT FOOD CO., HAMMOND, IND.							
Pratt's B-P Dairy Feed (Super Iodized) (B317)	23.25	21.00	4.02	4.00	9.35	10.00	As Certified
Pratt's Sweet 16% Dairy Feed (B605)	21.56	16.00	3.26	3.50	9.34	12.00	As Certified
Pratt's Sweet 20% Dairy Feed (B036)	25.50	20.00	4.20	4.00	9.53	12.00	As Certified
Pratt's Sweet 24% Dairy Feed (B034)	27.25	24.00	4.37	4.00	7.76	10.00	As Certified
Utility Sweet 20% Dairy Feed (B035)	22.49	20.00	4.09	4.00	10.00	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PRESTON'S INC., Canton, Pa. Preston's 16% Dairy (7833)	18.38	16.00	3.63	3.50	9.92	12.00	Linseed oil meal not detected. Found in addition small amount unground weed seeds.
Freston's Superior Milk Mash (7830) Sweet Dairy #3 (7834)	20.25 21.56	19.50 20.00	4.93 3.77	4.00 4.00	4.72 6.26	7.00 8.00	As Certified Linseed oil meal not detected.
PRESTON & JAQUISH, Troy, Pa. Sneepsteke Milk Maker (8390)	23.06	22.00	3.11	5.00	8.46	9.50	Aa Certified
THE QUAKER OATS CO., Chicago, Ill. Quaker 20% Dairy Ration (8027) Quaker 24% Dairy Ration (7920) Quaker 24% Dairy Ration (8026) Quaker 24% Dairy Ration (8320) Quaker 24% Dairy Ration (8545)	22.36 25.56 25.06 26.19 25.81	20.00 24.00 24.00 24.00 24.00	4.17 3.92 4.33 3.66 4.03	4.00 3.50 3.50 3.50 3.50	11.97 10.90 10.70 9.76 11.48	12.00 12.00 12.00 12.00 12.00	As Certified As Certified As Certified As Certified As Certified
RALSTON PURINA CO., St. Louis, Mo. Protina 20% Dairy Feed (8271) Purina Bulky Las Chow (7202) Purina Bulky Las Chow (7937) Purina Cow Chow 24% (8615) Purina Dry and Freshening Cow Chow (7804) Purina Dry and Freshening Cow Chow (7938) Purina Milk Chow for Dairy Cows (7807) Purina Milk Chow for Dairy Cows (7936) Purina Milking Cow Chow 16% (7939) Purina Milking Cow Chow 20% (7809) Purina Milking Cow Chow 20% (7944) Purina Milking Cow Chow 24% (7801) Purina Milking Cow Chow 24% (7949)	21.56 12.88 12.19 26.19 15.13 14.88 19.75 19.94 18.13 22.25 22.06 26.25 27.38	20.00 9.00 9.00 24.00 12.50 12.50 18.00 18.00 16.00 20.00 20.00 24.00 24.00	3.60 2.19 2.11 4.70 2.72 2.82 3.76 4.46 4.08 4.47 4.49 4.65 4.81	3.50 1.30 1.30 4.00 2.50 2.50 3.20 3.20 3.50 4.00 4.00 4.00 4.00	9.39 11.56 12.33 8.32 12.29 11.75 8.81 8.80 8.47 8.95 11.28 9.06 9.45	12.00 15.00 15.00 11.00 14.00 14.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
READING MILLING CO., Reading, Pa. Wertz's Circle 16 Dairy Feed (8821) Wertz's Circle 20 Dairy Feed (8820)	18.00 20.63	16.00 20.00	3.00 3.05	4.00 4.00	13.76 13.83	11.00 11.00	Found in addition brewers dried grains. As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Richard's 16% Dairy Feed (8276) Richard's 16% Dairy Feed (8319) Richard's 16% Dairy Feed (8472) Richard's 16% Dairy Feed (8595) Richard's 20% Dairy Feed (8473) Richard's Cash Dairy Feed 24% (8278) Richard's Cash Dairy Feed 24% (8475)	19.69 18.88 23.13 17.88 22.69 26.63 27.38	16.00 16.00 16.00 16.00 20.00 24.00 24.00	2.92 3.00 3.11 3.48 2.30 3.16 3.43	4.00 4.00 4.00 4.00 4.00 4.00 4.00	6.97 7.73 7.91 7.64 8.34 8.57 8.52	12.00 12.00 12.00 12.00 10.00 11.00 11.00	Found in addition buckwheat. Linseed oil meal not detected. As Certified Cottonseed oil meal and linseed oil meal not detected. Linseed oil meal not detected. As Certified As Certified
ROUX FEED MILLS, Sharon, Pa. Roux 16% Dairy Feed (8776) Roux 20% Dairy Feed (8775) Roux 24% Dairy Feed (8777) Roux 32% Dairy Feed (8774)	18.13 26.94 27.13 34.13	16.00 20.00 24.00 32.00	3.25 2.56 2.68 3.15	3.00 3.50 3.50 5.00	9.18 9.36 8.80 6.90	12.00 12.00 12.00 9.00	As Certified Found in addition brewers dried grains. As Certified As Certified
SANKEY'S MILL, Volant, R.D., Pa. Sankey's 24% Dairy (8797)	25.94	24.00	3.80	5.00	8.93	10.00	Found in addition malt sprouts.
I. S. SECRIST, Millerstown, Pa. S. & S. 19% Dairy Feed (8860) S. & S. 32% Dairy Supplement (8857)	22.56 35.88	19.00 32.00	3.32 3.25	3.50 4.50	6.65 6.41	7.00 8.00	As Certified As Certified
SWINGLE BROTHERS, Lake Ariel, Pa. 20% Dairy Ration (7839)	21.94	20.00	3.74	4.00	7.97	10.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pa. Templeton's 20% Dairy Feed (8259)	21.31	20.00	4.13	4.50	9.54	9.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. 24% Creamatine (7828) E-Gee 20% Dairy Feed (7753) E-Gee 32% Feed (7821) Red Brand T1-O-Ca Dairy Feed (7754) Red Brand T1-O-Ca Dairy Feed (7825)	25.25 21.63 33.63 24.44 25.63	24.00 20.00 32.00 24.00 24.00	4.71 4.51 4.76 4.84 4.81	4.50 4.00 4.50 4.50 4.50	7.87 8.42 8.75 9.26 8.03	10.00 10.00 10.00 10.00 10.00	As Certified As Certified As Certified As Certified As Certified
THE UBIKO MILLING CO., Cincinnati, O. Clover Bloom Sweet 16% Feed (8083) Clover Bloom Sweet 16% Feed (8524) 20% Sunbeam Dairy Ration (8594) 24% Sunbeam Dairy Ration (8094) 24% Sunbeam Dairy Ration (8697) 20% Sweet Union Grains (8520) 20% Sweet Union Grains (8694) 24% Sweet Union Grains (8523) 32% Sweet Union Grains (8522)	16.56 14.94 23.38 24.94 25.94 22.31 23.75 26.31 32.13	16.00 16.00 20.00 24.00 24.00 20.00 20.00 24.00 32.00	3.67 3.95 4.54 4.16 3.95 4.82 5.14 5.13 4.78	3.00 3.00 3.00 3.50 3.50 4.00 4.00 4.00 4.00	10.58 11.37 10.46 9.87 10.61 9.41 8.50 9.12 8.82	12.00 12.00 12.00 12.00 12.00 10.00 10.00 10.00 10.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
VANDERVORT MILLS, Laceyville, Pa. 16% Dairy Ration (Sweet Sixteen) (7881) 16% Dairy Ration (Sweet Sixteen) (7961) 18% Dairy Ration (7882) 18% Dairy Ration (7963) 20% Special Dairy Ration (7884) 20% Special Dairy Ration (7962) 24% Dairy Ration (7965) 32% Dairy Ration (7966) Open Formula 24% Dairy Ration (7880)	16.63 16.31 18.00 18.31 20.69 20.75 24.88 32.44 23.19	16.00 16.00 18.00 18.00 20.00 20.00 24.00 32.00 24.00	4.20 4.34 3.60 4.22 4.48 4.42 4.44 4.05 3.52	4.50 4.50 4.00 4.00 4.50 4.50 4.50 4.00 3.00	10.57 8.44 9.02 9.00 6.74 6.82 7.49 7.50 6.60	8.00 8.00 11.00 11.00 8.00 8.00 7.50 6.00 8.50	As Certified Found in addition brewers dried grains. As Certified As Certified As Certified As Certified As Certified As Certified Coconut oil meal not detected. Found in addition brewers dried grains and soya bean meal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Open Formule 24% Deiry Retion (7960)	P. ct. 23.25	P. ct. 24.00	P. ct. 3.66	P. ct. 3.00	P. ct. 7.19	P. ct. 8.50	As Certified
VEACH COMPANY, New Cestle, Pe. Veech Deiry Feed (8662)	25.38	20.00	2.21	3.50	9.42	10.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Special Velvet Dairy Feed (8122)	17.50	16.00	3.41	3.00	12.29	12.00	As Certified
Sweet Honey Bee Deiry Feed (8132)	16.44	16.00	3.50	3.00	11.31	12.00	Found in addition small amount unground weed seeds. As Certified
Vitality 24% Milk Builder (8123)	27.13	24.00	4.23	3.50	7.30	10.00	As Certified
Vitality 32% Milk and Body Builder Supplement (8136)	32.38	32.00	4.09	3.50	6.53	10.00	As Certified
VOLANT MILLS, Volent, Pe. 24% Deiry Retion (8674)	25.19	24.00	4.13	3.50	9.54	12.00	Found in addition malt sproute.
WAYNEBURG MILLING CO., Waynesburg, Pe. Home Deiry Feed 16% (8690)	18.50	16.00	3.92	4.00	8.30	10.00	Found in addition small amount ground grain screenings. As Certified
Home Dairy Feed 20% (8689)	22.81	20.00	3.45	4.00	8.56	10.00	Found in addition
Home Deiry Feed 24% (8691)	27.94	24.00	2.73	4.00	8.77	10.00	elfelfe meel.
WELLES MILL CO., Wylueluine, Pa. Wellco 20% Deiry Ration (7815)	21.19	20.00	3.57	4.00	10.01	11.00	Found in addition buckwheat. As Certified
Wellco 24% Deiry Ration (7814)	23.50	24.00	3.36	4.00	8.63	9.00	As Certified
F. S. WERTZ & SON, Reeding, Pe. Feramel Deiry Feed (8818)	27.31	24.00	3.59	4.00	8.81	10.00	As Certified
Wertz's Circle 24 Deiry Feed (8819)	26.31	24.00	3.50	4.00	8.47	10.00	As Certified
WESTERN FLOUR CO., Charleroi, Pe. Economy's 16% Dairy Feed (8207)	22.81	16.00	4.01	3.50	11.29	12.00	As Certified
Economy's 20% Dairy Feed (8208)	24.50	20.00	4.71	4.00	9.47	9.50	Linseed oil meel not detected. Found also brewers dried grains. As Certified
Economy's 34% Deiry Feed (8212)	29.25	34.00	4.87	3.50	9.43	12.00	As Certified
A. H. WHITE, Monroeton, Pe. White's Bredco Dairy Retion (7794)	21.00	20.00	3.74	4.00	8.05	7.00	Linseed oil meel not detected. Found in addition ground char- coal and ground berley.
Average	24.18	-----	4.03	-----	8.88	-----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. Wayne Horse Feed (8462)	10.63	9.50	3.10	3.00	5.31	8.00	As Certified
R. S. ALTMAN, Irwin, Pe. Altman's Horse Feed (8164)	13.06	8.00	3.31	3.00	9.10	15.00	Linseed oil meel not detected. Found in addition charcoal.
Altmen's Horse Feed (8216)	12.63	8.00	3.72	3.00	9.61	15.00	As Certified
Altman's Horse Feed (8432)	13.81	8.00	2.68	3.00	7.00	15.00	Oil meel (linseed) not detected. Found in addition malt spr- outs and ground grain screenings.
Altman's Horse Feed (8458)	11.50	8.00	3.15	3.00	6.97	15.00	Oil meel (linseed) not detected.
BLANK & GOTTSCHALL CO., INC., Sunbury, Pe. B. & G. Horse Feed (7866)	10.75	10.00	3.11	3.00	7.70	8.00	As Certified
BROWN & FASSETT, Tunkhennock, Pe. B. & F. Sugared Horse Feed (8948)	9.38	9.00	3.07	3.00	13.47	12.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio Energy Horse Feed (8631)	10.56	8.50	3.42	3.00	7.33	9.00	Linseed oil meel not detected.
J. A. CLARK, Weigh Sceles, Pe. Clark's Fitting Retion (7878)	18.81	18.00	4.36	4.50	7.39	12.00	As Certified
Clark's Horse Feed (7877)	12.81	10.00	3.82	3.00	7.00	12.00	As Certified
CO-OPERATIVE FEED DEALERS, INC., Singhamton, N. Y. C.F.D. Fitting Retion (7841)	12.25	12.00	2.93	4.00	6.47	10.00	As Certified
C.F.D. Fitting Retion (8021)	14.06	12.00	4.97	4.00	6.06	10.00	As Certified
CO-OPERATIVE G.L.F. MILLS, INC., Suffelo, N. Y. Fitting Retion (7772)	15.25	13.00	3.82	3.00	5.88	8.50	As Certified
Fitting Retion (7784)	14.94	13.00	3.79	3.00	7.09	8.50	Found in addition ground berley.
Fitting Retion (8766)	16.63	13.00	4.85	3.00	5.69	8.50	As Certified
Ground Horse Feed (8055)	12.06	10.00	3.70	2.50	6.32	8.50	As Certified
Horse Feed (7768)	13.25	9.00	4.00	3.50	6.77	9.00	As Certified
Horse Feed (8773)	13.44	9.00	3.42	3.50	6.14	9.00	As Certified
DEAN & LEE, Horseheads, N. Y. Ideal Pasture Feed (8380)	20.31	18.00	3.70	4.00	9.15	9.00	As Certified
DIAMOND MILLING CO., New Brighton, Pe. Diamond Fitting Retion (8417)	14.44	12.00	2.97	4.00	5.55	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Diamond Horse Feed (8409)	12.06	10.00	3.37	3.00	7.74	9.00	As Certified
EASTERN STATES FARMERS EXCHANGE, Springfield, Mass.							
Fitting Ration (8530)	14.94	12.00	3.75	3.50	5.71	8.50	As Certified
Horse Feed (8532)	13.06	10.50	3.18	3.00	6.59	7.00	As Certified
JOHN W. ESMELMAN & SONS, Lancaster, Pa.							
Red Rose 85 Horse Feed (8338)	12.00	9.00	3.74	3.00	7.08	10.00	As Certified
Red Rose Steer Feed (8197)	25.25	18.00	4.30	2.50	12.41	15.00	Linseed oil meal not detected. Found in addition malt sprouts and small amount ground screenings.
FARM BUREAU MILLING CO., INC., Chicago, Ill.							
Horse Feed (8702)	12.94	9.00	3.55	3.50	6.54	9.00	As Certified
THE HERRMAN-McLEAN CO., Cleveland, O.							
Portage Horse and Mule Feed (8350)	9.69	9.00	3.04	2.50	4.59	8.00	As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa.							
Tru-Mix Fitting Ration (7845)	14.81	15.00	4.22	4.50	6.80	8.00	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Kasco Horse Feed (7803)	10.59	9.00	3.09	3.00	7.56	10.00	As Certified
Kasco Special Horse and Mule Feed (8369)	11.69	9.00	2.73	3.00	7.04	10.00	As Certified
J. J. KENNEDY & SONS, Zellenople, Pa.							
Kennedy's Stock Feed (8714)	10.31	8.50	2.00	3.00	2.50	11.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.							
B-B Horse Feed (8064)	11.25	8.00	3.14	2.00	7.85	10.00	Linseed oil meal not detected.
B-B Horse Feed (8443)	10.94	8.00	2.65	2.00	8.75	10.00	As Certified
THE MENNEL MILLING CO., Toledo, Ohio							
Memo Horse Feed 85% with Molasses (8091)	10.75	10.00	3.53	3.00	6.85	12.00	As Certified
NOWAK MILLING CORP., Hammond, Ind.							
Domino Horse Feed with Alfalfa (7985)	9.13	9.00	2.14	2.00	10.69	12.00	As Certified
P. J. OESTERLING & SON, INC., Butler, Pa.							
Oesterling's Horse and Mule Feed (8744)	14.88	10.00	3.20	3.00	10.56	12.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Yankee Horse Feed (8266)	12.63	10.00	3.51	3.50	8.75	9.00	As Certified
PHELPS & SIBLEY CO., Cuba, N. Y.							
Mon-E-Maker Horse Feed (8801)	11.75	9.00	2.95	2.50	8.00	12.00	As Certified
PRATT FOOD CO., Hammond, Ind.							
Pratt's Horse Feed with Alfalfa (8599)	11.75	9.00	3.01	2.50	11.57	14.00	As Certified
Pratt's Utility Horse Feed (8491)	10.06	7.50	3.24	2.00	11.92	11.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Green Cross Horse Feed (8025)	11.31	10.00	3.10	2.50	10.84	12.00	As Certified
Quaker Sugared Schumacher Feed (7806)	11.25	10.00	3.63	3.00	11.15	12.00	As Certified
Quaker Sugared Schumacher Feed (7915)	11.13	10.00	3.48	3.00	10.80	12.00	Soybean oil meal not detected.
Quaker Sugared Schumacher Feed (8552)	11.25	10.00	3.78	3.00	10.91	12.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Omlene (7950)	12.56	10.00	3.76	3.20	7.36	11.00	As Certified
Purina Steer Patena (7942)	23.75	23.00	4.29	3.20	8.27	8.50	As Certified
READING MILLING CO., Reading, Pa.							
Faramel Horse Feed (8822)	9.75	9.00	3.83	3.00	8.05	9.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio							
Richards Horse Feed (8471)	9.81	9.00	3.11	3.00	6.79	10.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Iron City Stock Feed (8761)	10.06	8.00	3.33	2.00	11.68	12.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Conditioning (Pellets) (7757)	18.31	15.50	4.06	4.00	5.51	6.50	As Certified
Or-Co Feed (7755)	20.81	18.00	4.70	2.50	10.65	12.00	As Certified
Or-Co Feed (7822)	21.50	18.00	4.17	2.50	8.52	12.00	As Certified
THE USIKO MILLING CO., Cincinnati, O.							
Roneycomb Fitting Ration (8088)	14.81	12.00	3.10	2.50	9.83	15.00	As Certified
Ubiko Horse Feed (8084)	11.81	9.00	3.78	3.50	6.73	7.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vandervort's 12% Fitting Ration (7885)	12.31	12.00	4.08	5.00	4.65	7.00	As Certified
Vandervort's 12% Fitting Ration (7964)	13.50	12.00	4.45	5.00	5.63	7.00	Found in addition soybean oil meal and brewers dried grains.
F. S. WERTZ & SON, Reading, Pa.							
Wertz's Horse Feed with Alfalfa and Molasses (8823)	9.50	9.00	3.85	2.00	8.99	10.00	As Certified
Average	13.24	-----	3.52	-----	7.92	-----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Proprietary Calf Meal</u>							
DIAMOND MILLING CO., New Brighton, Pa. Diamond Calf Meal (8418)	20.56	18.50	2.93	4.00	5.28	5.75	As Certified
THE QUAKER OATS CO., Chicago, Ill. Schumacher Calf Meal (7929)	21.25	18.00	5.88	5.00	4.63	5.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Calf Starters (7952)	22.25	19.50	3.53	3.00	8.69	9.50	As Certified
Purina Calf Starting Chow (7943)	29.50	27.00	4.45	3.20	4.08	5.00	As Certified
Purina Calf Starting Chow (8269)	27.94	27.00	4.50	3.20	4.46	5.00	As Certified
Purina Heifer Growing Chow (7941)	16.75	14.00	3.27	2.50	9.47	14.00	As Certified
THE UBICO MILLING CO., Cincinnati, O. Ubiko Calf Meal (8086)	31.56	28.00	3.95	3.00	2.65	3.00	As Certified
Ubiko Calf Meal (Pelleted) (8085)	32.44	28.00	3.50	3.00	2.55	3.00	As Certified
Average	25.28	-----	4.00	----	5.22	----	
<u>Proprietary Swine Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Swine Feed (7891)	19.56	19.00	4.18	4.00	6.34	8.00	Cocoonut oil meal not detected.
ALLIED MILLS, INC., Chicago, Ill. Wayne Hog Supplement (8115)	42.56	40.00	5.04	4.50	5.97	7.00	As Certified
Wayne Hog Supplement (8295)	42.75	40.00	4.79	4.50	5.71	7.00	As Certified
Wayne Pig Starter (8292)	20.38	18.00	3.94	3.50	4.84	7.00	As Certified
Wayne Pork Maker (8293)	15.44	14.00	4.25	3.50	6.48	7.00	As Certified
Wayne Pork Maker (8466)	14.06	14.00	3.86	3.50	6.17	7.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's 44% Hog Concentrate (7734)	45.81	44.00	4.24	2.00	5.45	4.50	As Certified
Altman's Hog Feed (7736)	20.69	15.00	6.09	3.00	6.39	7.00	As Certified
Altman's Hog Feed with Yeast (8160)	18.94	15.00	4.21	3.00	4.83	7.00	Linseed oil meal and charcoal not detected. Found in addition soybean oil meal.
Altman's Hog Feed with Yeast (8424)	21.38	15.00	3.23	3.00	7.54	7.00	Linseed oil meal not detected. Found also brewers dried grains, malt sprouts, cottonseed meal, small amount ground grain screenings, and soybean meal.
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Pig and Hog Grower (7789)	16.44	15.00	4.01	4.00	6.06	6.00	As Certified
BLANK & GOTTSFALL CO., INC., Sunbury, Pa. B. & G. 40% Pork Pusher (7870)	32.13	40.00	3.88	4.00	13.61	7.00	As Certified
B. & G. Hog Feed (7862)	16.69	17.00	4.14	4.00	10.49	10.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa. B. & F. Hog Ration (7969)	19.50	17.00	5.12	5.00	5.05	8.00	As Certified
B. & F. Hog Ration (8946)	19.06	17.00	4.17	5.00	5.00	8.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Our Quality Pig Ration (8645)	18.56	16.50	3.62	4.50	4.80	5.00	Found in addition wheat bran.
CHAMPION MILLS, Brownsville, Pa. Champion Pig and Hog Ration (8687)	19.19	16.00	3.89	4.00	6.59	8.00	As Certified
COOPERATIVE G. L. F. MILLS, INC., SUFFALO, N. Y. Hog Feed (7758)	17.38	17.00	4.30	3.50	4.73	6.00	As Certified
Hog Feed (7787)	19.06	17.00	4.49	3.50	1.34	6.00	As Certified
Hog Feed (8050)	19.56	17.00	4.72	3.50	4.80	6.00	As Certified
Hog Feed (8855)	18.50	17.00	4.28	3.50	4.78	6.00	As Certified
CUSTER'S FLOUR MILL, Milton, Pa. Custer's Pig Meal (8244)	20.00	18.00	4.77	3.50	5.05	5.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond Hog Feed (8402)	21.31	16.00	4.66	4.00	9.20	6.00	As Certified
Diamond 40% Hog Supplement (8416)	43.19	40.00	5.37	5.00	5.18	6.00	As Certified
DIETHRIC & GAMBRILL, INC., Frederick, Md. Gambrill's Hog Meal (7737)	20.56	18.00	4.22	4.00	6.25	8.00	Found in addition soybean meal and small amount ground grain screenings.
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Red Rose Pig and Hog Meal (8190)	18.75	16.00	5.25	5.00	8.67	10.00	As Certified
Red Rose Pig and Hog Meal (8196)	20.88	16.00	5.13	5.00	7.93	10.00	As Certified
Red Rose Pig and Hog Meal (8339)	19.25	16.00	4.90	5.00	8.48	10.00	As Certified
FARM BUREAU MILLING CO., INC., Chicago, Ill. Pork Maker 17% Protein (8700)	17.81	17.00	4.20	3.50	4.14	6.00	As Certified
Pork Maker 44% Protein (8360)	46.00	44.00	4.87	4.00	6.10	6.50	As Certified
Pork Maker 44% Protein (8699)	46.13	44.00	5.35	4.00	5.89	6.50	Found in addition small amount ground grain screenings.
GOOD'S CITY MILLS, INC., Williamsport, Pa. Good's Pig and Hog Meal (7898)	15.63	15.00	4.48	4.00	5.34	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
GRANT'S FEED STORE, Meadville, Pe. Gro-Better Pig Meal (8830)	24.44	19.00	4.91	4.00	7.71	8.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y. Delly Pig Meal (8515)	26.81	27.00	4.55	4.00	6.04	6.25	As Certified
GREENVILLE MILLING CO., Greenville, Pe. Puritan Hog Meal (8785)	21.89	18.00	4.95	4.00	6.86	7.50	Found in addition linseed oil meal.
HARPER GRAIN CO., Pittsburgh, Pe. Select Pig and Hog Meal (8006)	17.69	17.00	4.38	3.50	7.34	7.00	As Certified
THE HERMAN-McLEAN CO., Cleveland, Ohio Ohio 15% Hog Meal (8353) Portage 18% Pig and Hog Meal (8450)	16.19 20.13	15.00 18.00	4.16 4.46	5.00 4.00	9.67 8.31	8.00 8.00	As Certified Found in addition melt sprouts end unidentified oil meal (of pelm family). Peanut oil meal end linseed oil meal not detected. Found in addition peanut skin oil meal.
Portage 18% Pig and Hog Meal (8751)	18.88	18.00	3.91	4.00	8.10	8.00	
HONESDALE FLOUR & FEED CO., Honesdale, Pe. Tru-Mix Pig Feed (7848)	16.00	16.00	4.31	4.00	6.94	8.00	As Certified
F. W. HUTCHISON & CO., New Castle, Pe. Hutchison Pig Feed (8669)	22.56	18.00	4.27	4.00	10.32	10.00	As Certified
JUNIATA ROLLER MILLS, Thompsontown, Pe. Eurn's Quality Hog Feed (8865)	15.00	15.00	3.80	3.70	5.04	6.50	As Certified
KASCO MILLS, INC., Toledo, Ohio Kasco Pig-Hog Feed (7924)	18.94	17.00	4.67	4.00	7.75	8.00	Found in addition charcoal end small amount ground grain screenings.
Oc-Sek Hog Feed (8367)	20.25	20.00	4.28	4.00	7.80	10.00	Linseed oil meal not detected.
KERRTOWN MILLING CO., Meadville, Pe. Imperial Pig Meal (8826)	16.75	19.00	4.95	4.00	9.83	10.00	Linseed oil meal not detected. Found in addition ground elfelfe, bren, meet end bone.
LARROWE MILLING CO., Detroit, Mich. Larro Pig Builder (8167) Lerro Pig Builder (8600) Lerro Pig Builder (8903)	19.56 19.25 19.56	17.50 17.50 17.50	4.38 4.37 4.10	4.00 4.00 4.00	7.00 7.02 6.57	7.50 7.50 7.50	As Certified As Certified As Certified
H. H. LYSINGER & SON, Bedford, Pe. Lysinger's Hog Meal (8301)	18.19	18.00	4.36	4.00	5.62	7.00	Found in addition small amount ground grain screenings.
MARITIME MILLING CO., INC., Buffelo, N. Y. B-E Pig and Hog Feed with Minerals (8078) B-S Pig and Hog Feed with Minerals (8315)	14.19 14.75	14.00 14.00	3.93 3.38	3.50 3.50	7.86 8.62	9.00 9.00	As Certified As Certified
MEYERS BROTHERS, Wetsontown, Pe. Setin Pig and Hog Meal (8582)	18.00	16.00	3.09	4.00	5.04	7.00	As Certified
MIDLAND MILLING & SUPPLY CO., Midland, Pe. Burton Pig Grower (8679)	19.31	16.00	3.98	4.00	6.36	7.00	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, INC., Mifflinburg, Pe. Farmers Pig and Hog Feed (8847)	20.44	17.50	4.17	3.70	6.08	8.00	As Certified
NILES FEED & SEED CO., Niles, Ohio Mester Pig and Hog Meal (8719)	18.50	18.00	5.85	4.00	7.03	7.00	As Certified
P. J. OESTERLING & SON, INC., Butler, Pe. Penne. State Farmers Hog Ration No. 1 (8725) Sunside Hog Ration Supplement (8722)	17.88 48.56	16.00 44.00	4.02 7.58	4.00 4.50	7.56 3.32	9.00 6.00	As Certified As Certified
THE PARK & POLLARD CO., Buffelo, N. Y. Go-Tu-It Pig and Hog Ration (8263) Go-Tu-It Pig and Hog Ration (8757)	17.19 17.38	15.00 15.00	3.52 3.00	3.50 3.50	8.44 7.73	8.00 8.00	As Certified As Certified
PERRY & HENDERSON, Connellsville, Pe. Ideal Hog Feed (8324)	14.38	16.00	3.14	5.00	4.75	7.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Quaker Hog Feed Selencer 34% Protein (8536) Quaker Pig-N-Hog Feed (7922) Quaker Pig-N-Hog Feed (8028) Quaker Pig-N-Hog Feed (8537)	38.06 19.44 20.63 19.81	34.00 16.00 16.00 16.00	5.65 4.75 4.86 4.67	4.00 3.50 3.50 3.50	5.65 6.05 8.02 6.91	7.00 10.00 10.00 10.00	As Certified As Certified As Certified As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RALSTON PURINA CO., St. Louis, Mo. Purina Hog Patene (7935)	16.25	14.00	3.65	3.00	5.65	7.00	Found in addition cottonseed meal.
Purina Pig Growena (8619)	16.63	14.00	1.23	2.00	7.22	8.00	As Certified
REX GRAIN & MILLING CO., INC., Buffelo, N. Y. Rex Crown Pig Growing Retion (8824)	13.50	11.00	3.57	3.00	7.55	6.00	Found in addition ground alfalfa end meat scraps.
L. E. RHOADES, Selinsgrove, Pe. 16% Hog Feed (7729)	17.00	16.00	4.84	4.00	5.17	6.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Richards Hog Meal (8281) Richards Hog Meal (8323)	16.50 16.50	16.00 16.00	4.03 4.07	4.00 4.00	8.22 8.58	8.00 8.00	As Certified Found in addition gluten and charcoel.
Richards Hog Meal (8474)	17.88	16.00	4.40	4.00	7.88	8.00	Found in addition corn gluten feed.
Richarde Hog Meal (8597)	17.44	16.00	4.25	4.00	8.94	8.00	Found in addition wheat bran, corn gluten feed end ground buckwheat.
J. S. RILEY & CO., New Castle, Pa. Pioneer Hog Feed (8657)	19.44	17.00	4.29	4.00	5.40	7.00	As Certified
ROUX FEED MILLS, Sheron, Pa. Roux Pig Meal (8781)	21.06	18.00	3.50	4.50	5.75	10.00	As Certified
I. S. SECRIST, Millerstown, Pa. 5. & S. Rog Meal (8861) 5. & S. Pig Meal (8862)	16.19 18.94	15.00 17.00	3.21 3.39	4.00 3.50	4.38 5.10	7.00 5.50	As Certified As Certified
Swingle Brothers, Lake Ariel, Pa. Pig Meal (7838)	15.63	15.00	4.30	4.50	4.85	6.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Ti-O-Ga Growing Shoat Feed (7823)	20.25	17.00	3.92	3.50	7.73	9.00	As Certified
THE UBIKO MILLING CO., Cincinnati, O. 36% Hog Supplement (8082) 36% Hog Supplement (8517) Pig and Sow Ration (8304) Pig and Sow Ration (8521)	39.75 39.69 19.13 20.06	36.00 36.00 16.00 16.00	5.28 5.60 5.12 5.66	4.50 4.50 4.00 4.00	7.34 8.18 7.21 8.87	7.00 7.00 7.00 7.00	As Certified As Certified As Certified As Certified
VANDERVORT MILLS, Laceyville, Pa. Vandervort's Hog Ration (7886) Vandervort's Hog Ration (7957)	20.50 21.31	19.00 20.00	4.65 4.77	6.50 4.50	4.95 5.17	6.00 7.00	As Certified As Certified
VEACH COMPANY, New Castle, Pa. Veach Pig Feed (8663)	19.56	16.00	3.82	4.00	6.92	7.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Hog Grower and Fattener (8128) Vitality Homestead 40% Hog Balancer (8130)	16.26 41.81	15.00 40.00	4.25 5.24	3.50 4.00	6.44 6.15	7.00 10.00	Found in addition ground berley. As Certified
WAYNESBURG MILLING CO., Waynesburg, Pa. Pig and Hog Feed (8695)	19.81	18.00	3.25	4.00	6.10	9.00	Found in addition small amount ground grain screenings.
WASHINGTON MILLING CO., Washington, Pe. Gain-More Rog Feed (8488)	19.94	18.00	4.30	4.50	5.55	8.00	Soybean oil meal not detected.
WELLES MILL CO., Wyelusing, Pa. Wellco Pig Ration (7816)	16.31	13.00	4.71	5.00	4.87	8.00	Found in addition buckwheat.
THE WHITE MILLING CO., Bloomsburg, Pa. Keystone Pig Meal (8235)	18.50	18.00	4.36	4.50	8.60	8.00	Oil meal (linseed) not detected. Found in addition bone end smell amount ground screenings.
Average	21.71	-----	4.37	-----	6.68	-----	
<u>PROPRIETARY CHOP FEED</u>							
<u>Corn and Oats Chop</u>							
ALLIED MILLS, INC., Chicago, Ill. Pure Corn and Oats Chop (8468)	11.19	9.00	3.76	3.50	6.20	10.00	As Certified
H. O. AYFR, Ulster, Pa. Corn and Oats Chop (8564)	11.88	9.00	5.30	4.00	6.29	8.00	As Certified
C. R. BERGER, Trout Run, Pa. Corn and Oats (8016)	9.31	9.00	2.72	4.00	11.37	7.00	As Certified
R. A. SOLOPUE, Mackeyville, Pa. Corn and Oats Chop (8879)	10.94	10.00	3.67	4.00	5.13	6.00	As Certified
COOPERATIVE C.L.F. MILLS, INC., Buffalo, N. Y. Corn and Oats Ground Half and Half (7812)	10.94	10.00	4.02	4.00	6.69	8.00	As Certified

TABLE H. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
DEAN & LEE, Horseheads, N. Y. Pura Corn and Oats Ground (8381)	11.75	-----	3.96	----	6.37	----	As Certified
F. A. DRAKE'S SON, Cambridge Springs, R.D., Pa. Corn and Oats Chop (8061)	10.13	10.00	4.01	3.50	6.30	8.00	As Certified
THE ROY J. DUNHAM MILL, Wellsboro, Pa. Tyoga Corn and Oats Chop (8382)	11.26	10.00	3.40	3.50	6.79	7.00	As Certified
FARM BUREAU MILLING CO., INC., Chicago, Ill. Corn and Oats Ground Half and Half (8698)	12.38	10.00	4.03	4.00	6.02	8.00	As Certified
S. FOUGHT & SON, Hughesville, Pa. Corn and Oats Chop (8875)	10.25	9.00	4.25	3.50	4.23	8.00	As Certified
HALES & HUNTER CO., Chicago, Ill. Coarse Corn and Oat Chop (7724)	11.88	8.00	4.33	3.00	7.25	12.00	As Certified
Coarse Corn and Oat Chop (7725)	11.38	8.00	4.18	3.00	6.83	12.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Pure Ground Corn and Oats (Half and Half) (8624)	10.44	9.50	3.76	3.50	8.07	7.00	As Certified
KEYSTONE FLOUR & FEED CO., Punxsutawney, Pa. Corn and Oats Chop (8622)	11.44	-----	3.23	----	8.32	----	As Certified
Corn and Oats Chop (8623)	10.56	-----	3.60	----	7.18	----	As Certified
KEYSTONE MILLS, Hughesville, Pa. Corn and Oats Chop (8873)	9.75	10.00	4.13	4.00	3.96	6.00	As Certified
LYCOMING MILLS, Williamsport, Pa. Corn and Oats Chop (7902)	9.25	9.00	3.97	4.00	4.19	7.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. Pura Corn and Oats Half and Half (8068)	10.56	10.00	3.67	3.00	7.04	7.00	As Certified
THE MIDLAND MILLING & SUPPLY CO., Midland, Pa. Pure Corn and Oats Chop (8681)	10.50	10.00	3.45	4.00	6.42	6.00	As Certified
H. D. NEUFER, Hughesville, Pa. Corn and Oats Chop (8871)	10.81	10.25	3.78	3.75	3.55	3.60	As Certified
P. J. OESTERLING & SON, Butler, Pa. Pure Corn and Oats Chop (8144)	11.50	9.00	3.67	3.00	8.41	10.00	As Certified
W. H. PARKER MILL, Waterford, Pa. Pure Corn and Oats Chop with Molasses (8305)	10.88	10.00	3.48	4.00	5.87	6.00	As Certified
PRESTON'S, INC., Canton, Pa. Pura Corn and Oats Chop (7832)	11.50	10.00	3.90	4.00	5.68	7.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Pure Corn and Oats Chop (8275)	11.06	10.00	3.76	4.50	6.90	10.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter Brand Corn and Oats Chop (8270)	10.94	9.00	3.07	3.75	6.63	6.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Pure Corn and Oat Chop (8134)	12.19	10.00	4.09	3.50	7.98	8.00	As Certified
WASHINGTON MILLING CO., Washington, Pa. Corn and Oats Chop (8484)	10.00	10.00	3.21	4.00	7.28	9.00	As Certified
WAYNESBURG MILLING CO., Waynesburg, Pa. Corn and Oats Chop (8693)	10.81	10.00	3.52	4.00	6.68	8.00	As Certified
Average	10.91	-----	3.78	----	6.55	----	
<u>Chop Feed</u>							
R. S. ALTMAN, Irwin, Pa. Altman's Chop (8202)	12.94	9.00	5.55	3.50	11.96	12.00	Found in addition charcoal.
Altman's Chop (8222)	12.75	9.00	4.72	3.50	10.89	12.00	As Certified
Altman's Chop (8423)	12.44	9.00	3.36	3.50	10.56	12.00	As Certified
Altman's Special Chop (7731)	10.38	9.00	3.25	4.00	9.33	10.00	As Certified
Altman's Special Chop (8158)	10.44	9.00	3.65	4.00	5.41	10.00	As Certified
Altman's Special Chop (8426)	9.31	9.00	3.05	4.00	8.48	10.00	As Certified
Altman's Special Chop (8926)	9.63	9.00	3.67	4.00	10.00	10.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond Chop Feed (8408)	12.31	9.00	3.36	2.50	9.60	11.00	As Certified
S. FOUGHT & SON, Hughesville, Pa. Rye and Oats Chop (8876)	11.88	8.00	2.62	2.50	5.45	10.00	As Certified
THE HERRMAN-McLEAN CO., Cleveland, Ohio Ohio Sugared Chop Feed (8886)	11.69	8.00	3.74	2.00	10.40	12.00	As Certified
H. D. NEUFER, Hughesville, Pa. Cow Chop (8870)	13.56	9.50	3.19	3.50	9.36	10.50	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Richards Special Chop (8196)	11.56	8.00	4.83	3.00	6.26	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Richards Special Chop (8274)	8.63	8.00	4.18	3.00	11.27	12.00	Barley not detected.
Richards Special Chop (8905)	9.13	8.00	3.08	3.00	9.22	12.00	As Certified
Sweet Special Chop (8273)	11.25	8.00	3.81	3.00	5.40	12.00	As Certified
Average	11.19	----	3.74	----	8.90	----	
<u>PROPRIETARY POULTRY SCRATCH AND</u>							
<u>MASH FEED</u>							
<u>Scratch Feed</u>							
R. S. ALTMAN, Irwin, Pa.							
Altman's Fine Chick Feed (8918)	10.56	10.00	4.63	2.00	2.25	2.00	As Certified
Altman's Medium Scratch Feed (8918)	9.31	9.00	2.90	2.00	1.93	3.00	As Certified
Altman's Scratch Feed (8913)	9.50	9.00	2.58	2.00	2.21	3.00	Buckwheat not detected.
JOHN S. SHOWN'S SON, New Castle, Pa.							
Our Quality Mixed Grains (8854)	10.19	9.00	2.76	2.00	3.44	5.00	As Certified
BUCKEYE CEREAL CO., Maesillon, Ohio							
Buckeye Gold Standard Special Scratch Feed (8217)	9.50	9.00	2.64	2.00	2.95	8.00	As Certified
Buckeye Scratch Feed (8218)	10.00	10.00	2.57	2.00	2.81	4.00	Sunflower seed not detected.
Buckeye Scratch Feed (8887)	10.00	10.00	3.08	2.00	2.89	4.00	As Certified
Prosperity Scratch Feed (8220)	10.00	9.50	2.47	2.50	3.10	4.00	As Certified
Prosperity Scratch Feed (8888)	9.75	9.50	2.20	2.50	2.47	4.00	As Certified
O. E. CONKEY CO., Cleveland, Ohio							
Conkey's Pigeon Feed (Breeder's) (7992)	14.13	13.00	3.60	2.00	4.54	5.00	As Certified
Conkey's Scratch Grains (7989)	9.81	9.00	2.87	2.00	2.68	3.50	As Certified
COOPERATIVE O.L.F. MILLS, INC., Buffalo, N. Y.							
Super Coarse Scratch (8053)	9.81	9.50	3.07	2.00	2.39	3.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa.							
Brighton Scratch Feed (8405)	10.50	10.00	2.52	2.50	3.28	5.00	As Certified
Diamond Scratch Feed (8415)	10.06	10.00	2.50	2.50	2.73	5.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y.							
Daily Growth Developing Feed (8516)	10.81	10.00	2.43	2.50	1.77	4.00	As Certified
P. D. HARTZEL'S SONS CO., Lansdale, Pa.							
Perfection Scratch Feed (8172)	10.69	10.00	2.18	2.50	3.01	4.00	As Certified
J. J. KENNEDY & SONS, Zellenople, Pa.							
Kennedy's Scratch Grains (8715)	12.13	10.00	3.15	2.50	2.78	5.00	As Certified
KERRTOWN MILLING CO., Meadville, Pa.							
Mixed Oration for Poultry (8827)	10.56	10.00	2.24	2.50	4.96	5.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro Scratch Graine (8897)	10.00	10.00	2.24	2.00	2.11	4.00	As Certified
H. H. LYSINGER & SON, Bedford, Pa.							
Lyeinger's Mixed Grains (8303)	9.63	8.00	2.31	2.00	2.46	5.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.							
B-B Daley Scratch Feed (8063)	9.81	9.00	2.32	2.50	2.40	5.00	As Certified
B-B Developing Feed (8067)	9.81	10.00	2.59	2.00	2.14	5.00	As Certified
NOWAK MILLING CO., Hammond, Ind.							
Domino Scratch Feed (8219)	10.89	10.00	2.03	2.00	2.56	4.00	Green peas not detected.
THE QUAKER OATS CO., Chicago, Ill.							
Early Bird Coarse Chick Feed (8178)	10.75	9.50	3.20	2.00	2.89	3.50	As Certified
Ful-O-Pep Chick Feed (7927)	11.06	11.00	2.83	2.50	2.39	2.00	As Certified
Ful-O-Pep Coarse Chick Feed (7930)	9.50	10.00	3.01	2.00	2.29	2.50	As Certified
Ful-O-Pep Scratch Grains (7925)	9.69	9.00	3.84	2.00	2.71	3.00	As Certified
Ful-O-Pep Scratch Grains (8925)	9.50	9.00	3.03	2.00	2.22	3.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Protens Scratch Feed (7953)	9.50	9.50	2.40	2.00	2.36	4.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio							
Richards Thrift Baby Chick Feed (8327)	12.88	9.00	3.66	2.50	2.90	6.00	As Certified
Richards Thrift Baby Chick Feed (8895)	13.83	9.00	4.08	2.50	1.94	6.00	Millet not detected.
J. S. RILEY & CO., New Castle, Pa.							
Pioneer Scratch Feed (8661)	10.81	10.00	2.29	3.00	2.67	4.00	As Certified
THE UBIKO MILLING CO., Cincinnati, Ohio							
Ubiko Chick Feed (8079)	12.06	9.00	2.94	2.50	1.82	3.50	As Certified
URBANA MILLS CO., Urbana, Ohio							
Urbana Scratch Graine (7932)	9.06	9.00	2.86	2.50	2.20	4.00	As Certified
Average	10.48	-----	2.82	----	2.85	----	
<u>Mash Feed</u>							
ACME MILLING CO., Olean, N. Y.							
Acme Golden Mash for Baby Chicks (7894)	20.31	20.00	5.29	4.00	4.97	6.80	As Certified
Acme Golden Mash for Growing Chicks (7887)	23.00	20.00	5.46	4.00	5.35	6.00	As Certified
Acme Golden Mash for Laying Hens (7892)	24.31	22.00	5.42	4.00	6.61	6.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Acme Mash for Laying Hens (7893)	20.59	18.00	4.50	4.00	7.18	7.00	Found in addition flake wheat, cottonseed meal and beet pulp.
Acme Mash for Laying Hens (8633)	20.75	20.00	4.67	5.25	7.80	6.50	As Certified
ALLIED MILLS, INC., Chicago, Ill.							
Amco Growing Mash with Sardine Oil (8102)	18.94	17.00	4.58	3.50	6.58	7.00	As Certified
Amco Super Egg Mash (8551)	20.38	20.00	4.12	3.50	6.57	8.00	As Certified
Amco Super Sterting and Growing Mash with Sardine Oil (8113)	20.44	17.00	4.80	3.50	6.74	7.00	As Certified
Amco Super Starting and Growing Mash with Sardine Oil (8535)	19.66	17.00	4.00	3.50	5.80	7.00	As Certified
Amco Tip Top Mash (8546)	20.63	18.00	4.29	3.50	8.54	8.00	As Certified
Amco Turkey Starter (8112)	25.94	25.00	4.60	4.00	6.87	8.00	As Certified
Empire Egg Mash with Sardine Oil (7906)	19.50	18.00	4.40	3.50	6.83	8.00	As Certified
Empire Egg Mash with Sardine Oil (8500)	19.50	18.00	3.98	3.50	8.15	8.00	As Certified
Empire Growing Mash with Sardine Oil (8496)	18.19	15.50	4.42	3.50	6.57	7.00	As Certified
Ideal Egg Mash with Sardine Oil (8558)	18.50	18.00	4.01	3.50	5.59	10.00	As Certified
Topper Egg Mash with Sardine Oil (8498)	20.00	18.00	4.07	3.60	6.38	10.00	As Certified
Wayne Broiler Ration (7908)	18.69	18.00	4.56	3.50	6.70	8.00	As Certified
Wayne Broiler Ration (8294)	19.56	18.00	3.97	3.50	6.57	8.00	As Certified
Wayne Broiler Ration (8469)	20.75	18.00	4.89	3.50	5.37	8.00	As Certified
Wayne Broiler Ration (8501)	19.19	18.00	4.55	3.50	6.37	8.00	As Certified
Wayne Chick Mash Concentrate with Sardine Oil (8284)	30.25	28.00	5.48	3.50	7.44	8.00	As Certified
Wayne Chick Starter (7904)	19.06	17.00	4.45	4.00	6.24	7.00	As Certified
Wayne Chick Starter (8288)	19.88	17.00	4.71	4.00	5.64	7.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (7905)	21.38	20.00	4.39	3.50	5.81	8.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (8048)	22.19	20.00	4.44	3.50	6.92	8.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (8210)	19.31	18.00	4.79	3.50	7.18	7.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (8287)	22.50	20.00	4.67	3.50	6.40	8.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (8499)	20.75	20.00	4.35	3.50	6.88	8.00	As Certified
Wayne Flushing Mash (8291)	21.75	20.00	4.10	3.00	4.54	6.00	As Certified
Wayne Flushing Mash (8470)	21.69	20.00	3.45	3.00	4.72	8.00	As Certified
Wayne Growing Mash with Sardine Oil (8111)	17.75	16.00	4.95	3.50	5.72	7.00	As Certified
Wayne Growing Mash with Sardine Oil (8288)	18.19	16.00	4.72	3.50	6.43	7.00	As Certified
Wayne Growing Mash with Sardine Oil (8497)	17.13	16.00	4.09	3.50	6.62	7.00	As Certified
Wayne Poultry Fattener (8467)	16.38	13.50	3.50	3.50	7.37	8.00	As Certified
Wayne Poultry Fattener (8495)	16.66	13.50	3.78	3.50	7.26	8.00	As Certified
Wayne 26% Mash Supplement (8114)	27.25	26.00	5.10	4.00	6.54	10.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's Buttermilk Crowing Mash (7732)	17.94	17.00	4.14	4.00	7.21	9.00	As Certified
Altman's Buttermilk Crowing Mash (8159)	22.63	17.00	5.31	4.00	7.00	9.00	As Certified
Altman's Buttermilk Growing Mash (8200)	20.06	17.00	4.23	4.00	6.64	9.00	Linseed oil meal not detected. Found in addition small amount ground grain screenings.
Altman's Buttermilk Crowing Mash (8454)	22.13	17.00	3.89	4.00	6.90	9.00	Linseed oil meal and charcoal not detected. Found in addition small amount ground screenings.
Altman's Buttermilk Crowing Mash (8921)	21.00	17.00	3.92	4.00	7.06	9.00	As Certified
Altman's Buttermilk Starting Mash (8428)	20.31	17.00	4.03	4.00	8.97	8.00	As Certified
Altman's Buttermilk Starting Mash (8915)	19.50	17.00	4.22	4.00	6.20	8.00	As Certified
Altman's Fattening Mash (8451)	17.31	15.00	4.71	5.00	4.20	6.00	As Certified
Altman's Fattening Mash (8924)	20.38	15.00	4.80	5.00	4.85	8.00	As Certified
Altman's Irwin Egg Mash (8148)	21.81	18.00	4.16	4.00	7.97	9.00	Found in addition corn gluten feed and ground barley. Oil meal (linseed) not detected.
Altman's Irwin Egg Mash (8430)	23.00	18.00	3.94	4.00	7.04	9.00	As Certified
Altman's Irwin Egg Mash (8912)	22.38	18.00	4.27	4.00	7.95	9.00	As Certified
Altman's Quality Egg Mash (8149)	22.13	20.00	4.33	4.00	8.97	9.00	As Certified
Altman's Quality Egg Mash (8223)	22.31	20.00	4.31	4.00	7.50	9.00	As Certified
Altman's Quality Egg Mash (8419)	21.13	20.00	4.12	4.00	7.85	9.00	As Certified
Altman's Quality Egg Mash (8914)	23.89	20.00	4.00	4.00	8.45	9.00	As Certified
Altman's Super A Buttermilk Crowing Mash (8429)	21.83	17.00	3.88	4.00	7.50	9.00	As Certified
Altman's Super A Buttermilk Starting Mash (8154)	21.75	17.00	4.39	4.00	6.47	8.00	Found in addition brewers dried grains.
Altman's Super A Egg Mash (7735)	23.63	24.00	6.52	4.50	7.40	8.00	As Certified
Altman's Super A Egg Mash (8453)	25.06	24.00	4.47	4.50	7.02	8.00	As Certified
Altman's Super A Yeast Egg Mash (8156)	23.44	24.00	5.55	4.50	6.50	8.00	As Certified
Altman's Super A Yeast Egg Mash (8434)	25.25	24.00	4.69	4.50	6.52	8.00	As Certified
Altman's Super A Yeast Egg Mash (8911)	28.38	24.00	4.21	4.50	6.01	8.00	As Certified
Altman's Super A Yeast Starter and Broiler (8157)	21.25	19.00	4.30	4.00	8.00	9.00	As Certified
Altman's Super A Yeast Starter and Broiler (8201)	21.25	19.00	4.03	4.00	7.11	9.00	As Certified
Altman's Super A Yeast Starter and Broiler (8421)	21.69	19.00	4.23	4.00	7.42	9.00	As Certified
Altman's Turkey Developer (8922)	25.38	21.00	4.81	4.50	8.54	7.00	As Certified
Altman's Turkey Starter (8923)	23.81	26.00	4.72	4.00	6.07	7.00	As Certified
Altman's Yeast Growing Mash (8155)	20.56	17.00	4.07	4.00	7.09	9.00	As Certified
Altman's Yeast Growing Mash (8203)	17.13	17.00	4.14	4.00	7.52	9.00	Linseed oil meal not detected. Found in addition corn gluten feed.
Altman's Yeast Crowing Mash (8427)	20.38	17.00	4.35	4.00	6.91	9.00	Oil meal (linseed) not detected.
Altman's Yeast Growing Mash (8920)	21.06	17.00	4.22	4.00	7.94	9.00	Found in addition brewers dried grains.
Altman's Yeast Turkey Developer (8151)	23.00	21.00	4.50	4.50	8.40	7.00	As Certified
Altman's Yeast Turkey Developer (8931)	24.00	21.00	4.50	4.50	6.87	7.00	As Certified
Altman's Yeast Turkey Starter (8147)	24.06	25.00	4.30	4.00	8.52	7.00	Found in addition charcoal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
AMERICAN STORES CO., Philadelphia, Pa. Farmdale Laying Mash (8182)	15.50	20.00	4.84	6.00	7.18	7.00	Found in addition small amount ground screenings.
Farmdale Starting and Growing Mash (8181)	18.06	18.00	3.22	4.00	9.30	6.00	As Certified
H. O. AYER, Ulster, Pa. Laying Mash (8566)	24.56	18.00	5.40	4.00	7.71	9.00	Gluten feed not de- tected. Found also soybean meal, ground buckwheat, and trace of hoof meal.
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Chick Starter and Grower (7788)	20.69	18.00	4.21	4.00	4.73	8.00	As Certified
Oak Leaf Egg Mash (7793)	19.31	18.00	4.86	4.00	6.42	8.00	As Certified
THE BEACON MILLING CO., INC., Cayuga, New York							
Beacon Broiler Feed (8104)	21.06	18.50	4.93	4.00	6.37	7.00	As Certified
Beacon Complete Starting Ration (8103)	19.75	17.50	4.86	4.00	5.40	5.00	As Certified
Beacon Turkey Starter (8121)	25.56	24.00	6.89	4.00	5.28	8.00	As Certified
Beacon Turkey Starter (8568)	26.88	24.00	4.80	4.00	5.48	6.00	As Certified
Beacon "16" Growing Mash (8670)	17.75	16.00	4.66	4.00	7.18	7.50	As Certified
Beacon "18" Growing Mash (8567)	19.81	18.00	4.64	4.00	6.79	7.50	As Certified
Beacon "22" Egg Mash (8568)	24.63	22.00	5.00	4.50	6.71	7.50	As Certified
C. R. BERGER, Trout Run, Pa. Berger's Laying Mash (8017)	17.88	18.00	4.30	3.50	5.92	7.00	As Certified
Berger's Starting and Growing Mash (8018)	18.69	17.00	3.89	3.00	6.10	6.50	As Certified
BLANK & COTTSHALL CO., INC., Sunbury, Pa.							
B. & O. Broiler Mash (7889)	20.56	17.00	5.00	4.00	6.65	7.00	As Certified
B. & O. Chick Starter Mash (7856)	17.75	16.00	4.88	3.50	6.65	7.00	As Certified
B. & O. Chick Starter Mash (8348)	17.69	16.00	4.31	3.50	6.77	7.00	As Certified
B. & O. Oro-Mor Mash (8347)	19.13	17.00	4.32	4.00	6.48	8.00	As Certified
B. & O. Growing Mash (7867)	20.75	18.00	4.54	4.00	6.87	7.00	As Certified
B. & O. Growing Mash (8345)	21.25	18.00	4.90	4.00	6.23	7.00	As Certified
B. & O. Laying Mash (7869)	21.69	20.00	4.88	4.00	8.79	7.00	As Certified
B. & O. Laying Mash (8346)	21.76	20.00	4.77	4.00	6.45	7.00	As Certified
B. & O. Lay-Mor (7858)	19.06	18.00	4.29	3.50	7.89	6.00	As Certified
B. & O. Poultry Fattening Mash (7863)	13.38	13.00	4.58	3.00	5.31	5.00	Found in addition small amount ground screenings.
B. & G. Turkey Starter Mash (7864)	25.13	24.00	5.37	4.00	5.77	7.00	As Certified
BROWN & PASSETT, Tunkhannock, Pa.							
B. & F. Chick Starting Mash (7971)	16.00	14.50	4.66	4.00	5.46	4.00	As Certified
B. & F. Favorite Dry Mash (7968)	19.88	18.00	4.76	6.00	7.76	9.00	As Certified
B. & F. Favorite Dry Mash (8949)	20.65	18.00	4.95	5.00	7.53	9.00	As Certified
B. & F. Growing Mash with Cod Liver Oil (7970)	17.31	17.50	5.14	4.50	8.38	8.50	As Certified
B. & F. Growing Mash with Cod Liver Oil (8951)	17.50	17.50	4.91	4.50	8.23	6.50	As Certified
B. & F. Turkey Growing Mash (8950)	18.88	18.00	6.15	4.00	8.27	6.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Full Value Laying Mash (8653)	21.31	20.00	4.75	4.00	7.96	8.00	As Certified
Our Quality Growing Mash (8650)	17.88	15.00	2.15	5.00	7.83	5.00	As Certified
Our Quality Laying Mash (8644)	20.75	20.00	6.53	4.00	8.20	7.00	As Certified
Our Quality Starting Mash (8649)	20.19	18.00	4.74	5.00	8.60	6.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
Buckeye Mash with Buttermilk (8630)	20.19	19.00	4.82	4.00	7.36	7.50	As Certified
Gold Standard Laying Mash (8221)	18.94	18.00	4.85	3.00	7.02	10.00	Found in addition linseed oil meal.
Gold Standard Laying Mash (8632)	19.19	18.00	3.90	2.50	8.72	10.00	As Certified
Gold Standard Laying Mash (8893)	19.81	18.00	4.97	2.50	8.08	8.50	Found in addition small amount ground grain screenings.
CANONSBORO MILLING CO., Canonsburg, Pa.							
C.M.C. Fattening Mash (8253)	19.76	16.00	4.33	5.00	5.87	5.00	As Certified
C.M.C. Growing Mash (8251)	20.19	20.00	4.55	4.00	7.20	5.00	Found in addition charcoal and small amount ground screen- ings.
CHAMPION MILLS, Brownsville, Pa.							
Champion Chick Starter (8684)	18.50	18.00	3.60	4.00	7.00	6.00	As Certified
Champion Growing Mash (8686)	16.94	16.00	3.57	4.00	6.45	6.00	As Certified
Champion Laying Mash (8686)	18.94	18.00	4.06	4.00	8.35	6.00	As Certified
CHECKERBOARD FEED STORE, Punxsutawney, Pa.							
Winner Laying Mash (8613)	20.38	18.00	4.76	3.50	7.13	8.50	Linseed oil meal not detected. Found in addition small amount small unground weed seeds.
Winner Starting and Growing Mash (8514)	18.38	16.00	3.68	3.50	6.92	7.00	Found in addition small amount ground grain screenings.
J. A. CLARK, Weigh Scales, Pa. Clark's Chick Starter with Cod Liver Oil (7876)	17.44	17.00	5.26	4.00	6.43	8.00	As Certified
G. E. CONKEY CO., Cleveland, Ohio							
Conkey's Red Seal Laying Mash (7998)	22.38	20.00	4.80	4.00	8.76	7.00	As Certified
Conkey's Y-O (Brand) Egg Mash (7995)	22.56	20.00	5.16	4.00	8.43	8.00	As Certified
Conkey's Y-O (Brand) Growing Mash (7996)	20.38	18.00	5.01	4.00	8.39	7.00	As Certified
Conkey's Y-O (Brand) Growing Mash (8884)	20.06	18.00	4.48	4.00	6.32	7.00	As Certified
Conkey's Y-O (Brand) Starting Feed (7990)	19.50	18.00	4.79	4.00	6.72	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Conkey's Y-O (Brand) Turkey Starting and Growing Mash (7997)	27.88	26.00	5.40	5.00	5.70	8.00	As Certified
COOPERATIVE FEED DEALERS, INC., Singhamton, N. Y.							
C.F.D. Chick Starting Mash (8019)	19.83	18.00	4.38	4.50	6.15	6.00	As Certified
C.F.D. Laying Mash (8020)	20.76	20.00	4.28	4.50	8.37	7.00	As Certified
COOPERATIVE G.L.P. MILLS, INC., Buffalo, N. Y.							
Growing Mash (8862)	20.19	17.50	4.87	4.00	6.58	7.50	As Certified
Laying Mash (7760)	21.63	20.00	4.81	4.00	5.91	7.00	As Certified
Laying Mash (7777)	22.50	20.00	4.86	4.00	5.53	7.00	As Certified
Laying Mash (8051)	21.44	20.00	4.81	4.00	5.78	7.00	As Certified
Laying Mash (8771)	21.13	20.00	4.87	4.00	6.82	7.00	As Certified
Special Laying and Breeding Mash (7798)	22.38	19.50	4.53	4.00	5.77	7.00	As Certified
Special Starting and Growing Mash (7765)	20.06	17.50	4.80	4.00	6.24	8.50	As Certified
Special Starting and Growing Mash (7797)	18.94	17.50	4.80	4.00	5.78	6.50	As Certified
Starting and Growing Mash (7761)	18.81	17.50	4.52	4.00	5.53	6.50	As Certified
Starting and Growing Mash (7763)	19.89	17.50	4.37	4.00	5.89	6.50	As Certified
Starting and Growing Mash (7775)	19.06	17.50	4.30	4.00	5.82	6.50	As Certified
Starting and Growing Mash (8048)	19.06	17.50	4.35	4.00	5.14	8.50	As Certified
Starting and Growing Mash (8789)	18.81	17.50	4.38	4.00	5.27	8.50	As Certified
Starting and Growing Mash (8853)	19.94	17.50	4.44	4.00	5.87	6.50	As Certified
Super Laying and Breeding Mash (7782)	21.31	19.50	4.58	4.00	5.53	7.00	As Certified
Super Laying and Breeding Mash (7776)	21.50	19.50	4.51	4.00	5.52	7.00	As Certified
Super Laying and Breeding Mash (8047)	21.63	19.50	4.45	4.00	5.20	7.00	As Certified
Super Laying and Breeding Mash (8770)	21.13	19.50	4.77	4.00	5.57	7.00	As Certified
Super Laying Mash (7764)	20.44	19.50	4.89	4.00	5.41	7.00	As Certified
Thrift Mash (8052)	21.88	20.00	4.43	4.00	5.31	7.00	As Certified
Thrift Mash (8854)	21.06	20.00	4.03	4.00	4.05	7.00	As Certified
W. E. CUSTER, Milton, Pa.							
Custer's Egg Mash (8240)	18.50	18.00	5.27	4.00	7.07	8.00	As Certified
Custer's Growing Mash (8241)	17.44	14.00	4.87	3.50	4.61	5.00	As Certified
Custer's Starting Mash (8242)	15.81	14.00	4.74	3.50	4.20	5.00	As Certified
A. O. DAILEY & SONS, INC., Singhamton, N. Y.							
Dailey's Special Laying Mash (8573)	21.19	20.00	4.02	5.00	6.37	7.50	Found in addition trace of hoof meal.
Dailey's Super Laying and Breeding Mash (8509)	22.88	20.00	4.27	4.00	7.04	7.00	As Certified
Dailey's Super Starting Mash (8574)	21.31	18.00	5.00	4.00	8.97	5.50	As Certified
DARLINGTON MILLING CO., Darlington, Pa.							
Darmico Egg (8636)	17.88	19.00	5.36	5.50	5.78	8.50	As Certified
Darmico Grower (8635)	16.19	16.00	5.04	5.00	7.51	8.50	Found in addition linseed oil meal.
Darmico Starter (8639)	19.26	17.00	5.34	4.50	8.30	8.00	As Certified
DATTON MILLING CO., Towanda, Pa.							
Dayton's Ideal Laying Mash (8866)	21.00	18.00	3.77	3.00	4.74	8.00	As Certified
DEAN & LEE, Horsesheds, N. Y.							
Ideal Growing Mash (8374)	17.25	15.00	4.08	4.00	7.13	7.00	As Certified
Ideal Laying Mash (8376)	20.31	18.00	5.76	3.50	7.95	7.00	As Certified
Pioneer Poultry Mash (8373)	21.38	20.00	2.20	4.00	7.82	7.00	As Certified
Pioneer Starting and Growing Mash (8375)	18.50	17.00	3.98	4.00	6.81	7.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa.							
Brighton Laying Mash (8406)	21.00	18.00	4.72	4.00	6.52	6.50	As Certified
Diamond Battery Broiler Ration (8401)	18.75	17.00	5.01	5.00	7.58	6.00	As Certified
Diamond Fattening Mash (8404)	14.81	13.00	3.72	4.50	6.05	8.00	As Certified
Diamond Growing Mash (8407)	20.38	18.00	4.80	4.00	6.25	8.50	As Certified
Diamond Laying Mash (8414)	22.31	20.00	6.40	4.00	6.45	6.50	As Certified
Diamond Starting Mash (8403)	19.31	17.00	4.70	5.00	8.55	8.00	As Certified
FRED DIEFENDERFER & SON, Sharpsville, Pa.							
Diefenderfer's Chick Growing Mash (8786)	16.69	16.50	4.00	4.00	6.95	6.50	As Certified
DIETRICH & GAMBRILL, INC., Frederick, Md.							
All Purpose Complete Ration Starter-Grower-Layer (7744)	16.38	15.00	4.15	4.50	4.56	6.00	As Certified
D. & G. Brooder Mash (7746)	22.44	19.00	5.12	5.00	7.11	9.00	As Certified
D. & G. Broiler Mash (7747)	19.69	18.00	4.09	4.00	5.51	7.00	As Certified
D. & G. Poultry Conditioning Ration (8189)	17.13	15.00	6.43	6.00	4.15	6.00	As Certified
D. & G. Turkey Growing Mash (7748)	22.13	20.00	4.19	4.00	8.28	8.00	As Certified
Gambrill's Fattening Mash (7749)	17.61	14.00	4.81	4.80	3.82	5.00	As Certified
Gambrill's Growing Mash (7745)	20.19	18.00	4.00	4.00	6.32	7.00	Found in addition linseed oil meal.
Gambrill's Laying Mash (7743)	22.44	20.00	5.00	5.00	6.68	7.00	As Certified
F. A. DRAKE'S SON, Cambridge Springs, R.D., Pa.							
Drake's Laying Mash (8059)	20.00	20.00	4.28	4.00	6.92	7.00	As Certified
Drake's Starting and Growing Mash (8058)	20.81	19.00	5.26	5.00	4.83	5.00	As Certified
THE ROY J. DUNHAM MILL, Wellsboro, Pa.							
Tyoga C. M. Growing Mash (8388)	18.13	17.00	2.48	4.00	5.93	7.00	As Certified
Tyoga Chick Starter (8387)	19.31	18.00	4.04	4.25	6.09	8.00	As Certified
EASTERN STATES FARMERS EXCHANGE Springfield, Mass.							
Developer (8528)	21.38	18.50	4.05	4.00	8.09	6.50	As Certified
Egg Mash (Pellets) (8529)	22.56	20.00	5.03	4.00	5.33	6.50	As Certified
Turkey-Grow (8531)	22.75	20.00	4.48	4.00	5.45	5.50	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa.							
Maintenance 20% Laying Mash (8045)	22.56	20.00	4.18	4.50	6.73	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Pennsey Laying Mash (8044)	21.00	18.00	4.46	5.00	9.34	9.00	Found in addition small amount ground grain screenings.
Hed Rose All Mash Starter with Cod Liver Oil (8194)	17.44	16.00	4.63	4.00	4.79	6.50	As Certified
Red Rose All Mash Starter with Cod Liver Oil (8336)	18.25	16.00	4.62	4.00	5.77	6.50	As Certified
Red Rose All Mash Starter and Grower (8342)	17.76	16.00	4.93	4.00	7.69	7.00	As Certified
Red Rose Patterning Mash (8444)	17.25	14.00	6.39	4.50	5.77	6.00	Soybean oil meal not detected.
Red Rose Orowing Mash with Cod Liver Oil (8186)	18.00	16.00	4.81	4.00	7.06	7.50	As Certified
Red Rose Orowing Mash with Cod Liver Oil (8343)	19.13	16.00	5.08	4.00	7.58	7.50	As Certified
Red Rose Growing Mash with Cod Liver Oil (8442)	17.44	16.00	4.53	4.00	7.57	7.50	As Certified
Red Rose Laying Mash with Cod Liver Oil (8334)	21.19	20.00	6.40	6.00	7.21	7.50	Found in addition ground buckwheat and ground barley.
Red Rose Turkey Starter with Cod Liver Oil (8344)	26.25	24.00	6.00	4.50	5.19	6.00	As Certified
FARM BUREAU MILLING CO., INC., Chicago, Ill.							
Economy Laying Mash with Cod Liver Oil (8362)	22.63	20.00	5.50	4.50	6.02	8.00	As Certified
Mermash 18% Protein with Cod Liver Oil (8369)	18.50	16.00	4.36	3.50	6.86	6.00	As Certified
Mermash 18% Protein with Cod Liver Oil (8706)	16.31	18.00	4.65	3.50	6.46	6.00	As Certified
Mermash Turkey Ration (8361)	24.94	23.00	3.72	3.50	6.32	6.00	As Certified
Starting and Growing Mash (8704)	19.94	17.50	5.00	4.00	6.00	6.50	As Certified
FLORY MILLING CO., INC., Bangor, Pa.							
Flory's All-Mash Chick Starter (8173)	19.63	17.00	5.00	4.50	6.34	6.00	As Certified
Flory's Orowing Mash (8188)	19.56	17.00	4.84	4.00	7.22	7.00	As Certified
S. FOUGHT & SON, Hughesville, Pa.							
Fought's Pennsylvania State Laying Mash (8877)	19.13	18.00	5.09	3.75	5.39	10.00	As Certified
FRANKLIN MILLING CO., Middleburg, Pa.							
Franklin Laying Mash (8842)	17.69	19.00	6.10	5.00	4.96	8.00	Found in addition ground corn cobbles.
G. & M. MILLING CO., West Wyoming, Pa.							
O. & M. Chick Starter Mash (7975)	19.88	18.00	5.59	5.00	5.14	6.00	As Certified
O. & M. Orowing Mash (7974)	19.13	18.00	6.91	4.00	7.52	7.00	As Certified
O. & M. 20% Egg Mash (7977)	20.31	20.00	6.00	4.00	6.77	7.50	As Certified
M. B. GLICK, Richfield, Pa.							
Olick's Old Faithful Laying Mash (7726)	19.31	20.00	5.45	4.00	6.69	8.00	As Certified
Olick's Old Faithful Starter and Grower (7727)	16.56	18.00	4.85	4.00	6.61	8.00	As Certified
OOD'S CITY MILLS, INC., Williamsport, Pa.							
Ood's Oodmash (7897)	20.88	18.00	5.70	4.00	5.72	8.00	As Certified
Good's Growing Mash (7896)	18.19	18.00	4.77	4.00	6.64	7.00	Found in addition linseed oil meal.
D. H. GRANDIN MILLING CO., Jamestown, N. Y.							
Orandin's Growing Mash (8506)	17.94	15.00	4.23	4.00	8.30	8.00	As Certified
Orandin's Start-To-Finish Mash (8504)	19.25	16.00	4.46	4.00	7.81	7.00	As Certified
ORANT'S FEED STORE, Meadville, Pa.							
Lay-Better Egg Mash (8633)	19.94	18.00	4.68	4.00	9.36	10.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y.							
Daily Egg Laying Mash Feed (8183)	19.88	20.00	4.96	4.00	7.03	6.50	As Certified
Daily Egg Laying Mash Feed (8612)	22.00	20.00	4.43	4.00	7.35	6.50	As Certified
Daily Orowth Chick Starter (8186)	18.13	16.50	6.42	4.50	5.00	4.50	As Certified
Daily Orowth Chick Starter (8513)	18.38	16.50	4.36	4.60	5.44	4.50	As Certified
Daily Growth Growing Mash (8184)	18.94	17.00	4.78	4.00	6.89	6.50	Found in addition small amount ground grain screenings.
ORKENVILLE MILLING CO., Orrenville, Pa.							
Puritan 20% Egg Mash (8783)	19.31	20.00	4.61	4.00	5.27	6.50	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Red Comb Broiler Mash (8308)	21.13	18.00	4.47	4.00	6.15	7.00	As Certified
Red Comb Chick Starter (8106)	20.38	18.00	4.48	4.00	4.94	6.00	As Certified
Red Comb Egg Mash (8108)	19.06	18.00	4.58	4.00	6.30	7.00	As Certified
Red Comb Egg Mash (8309)	20.31	18.00	4.37	4.00	6.80	7.00	As Certified
Red Comb Egg Mash (8364)	19.19	18.00	4.15	4.00	5.87	7.00	As Certified
Red Comb Orowing Mash (8107)	20.75	16.00	5.20	4.00	6.79	7.00	As Certified
Red Comb Orowing Mash (8307)	16.69	16.00	4.27	4.00	6.48	7.00	As Certified
Red Comb Turkey Breeder (8310)	20.19	20.00	4.65	6.00	6.19	7.00	As Certified
Red Comb Turkey Starter (8109)	26.25	25.00	5.06	5.00	4.70	6.00	As Certified
HARPER ORAIN CO., Pittsburgh, Pa.							
Chicken Dinner Buttermilk Laying Mash (8009)	19.50	18.00	4.96	4.00	6.98	7.00	As Certified
Chicken Dinner Starting and Orowing Mash (8007)	19.63	18.00	4.43	3.50	7.46	7.00	As Certified
Exchange Egg Mash (8010)	18.98	18.00	4.58	4.00	8.48	9.00	As Certified
Harco Chick Tested Starting Mash with Yeast (8008)	17.81	18.00	6.88	3.50	7.07	6.00	As Certified
Harco Orowing Mash with Yeast (8005)	16.38	18.00	4.87	3.50	6.69	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Harco Laying Mash (8014)	19.81	20.00	5.39	4.00	7.33	8.00	As Certified
Harco Turkey Starting Mash (8004)	22.66	24.00	6.25	3.50	6.61	7.00	As Certified
Harper's 36% Concentrate Super Mash (8011)	31.88	36.00	6.00	4.00	7.37	5.00	As Certified
HEPTY MILLINO CO., Watsontown, Pa.							
Hefty's All Mash Starting Feed (8225)	16.25	17.00	4.65	4.00	5.76	6.00	As Certified
Hefty's Orowing Feed (8224)	18.50	17.00	5.20	4.00	5.50	6.50	As Certified
Hefty's Laying Mash (8226)	19.63	20.00	4.93	4.00	5.55	7.00	As Certified
I. S. HEIMBACH & SON, East Greenville, Pa.							
Ley Better Egg Mash (8099)	21.75	18.00	5.30	4.00	5.83	7.00	As Certified
Plain Sack Chick Starter (8101)	17.59	15.00	4.65	5.00	6.07	6.00	As Certified
Plain Sack Laying Mash (8098)	19.13	16.50	5.53	4.00	5.67	6.50	As Certified
Square Deal Chick Starter and Grower (8100)	16.31	16.00	5.14	4.00	5.65	6.00	As Certified
THE HERRMAN-McLEAN COMPANY, Cleveland, Ohio							
Ohio Egg Mash (8354)	19.38	20.00	3.32	5.00	9.70	8.00	As Certified
Ohio Orowing Mash (8452)	20.44	16.00	4.74	4.50	5.46	5.00	As Certified
Ohio Starting and Growing All Mash (8349)	16.94	16.00	4.01	4.50	5.28	5.00	As Certified
Ohio Starting Mash with Dried Tomatoes (8451)	16.19	15.00	5.00	4.00	6.73	5.00	As Certified
Sunshine Egg Mash (8750)	18.25	20.00	3.26	5.00	7.00	8.00	Peanut oil meal not detected. Found in addition peanut skin oil meal.
J. F. HOGSETT & SONS, Uniontown, Pa.							
Hogsett's Fattening Mash (8480)	14.44	15.00	3.95	4.50	4.90	5.00	As Certified
Hogsett's Orowing Mash (8479)	16.44	16.00	4.67	4.50	6.30	7.00	As Certified
Hogsett's Laying Mash (8482)	21.69	20.00	5.24	4.50	6.41	7.00	As Certified
Hogsett's Starting Mash (8481)	15.69	16.00	4.65	4.00	5.42	5.00	As Certified
HOMER CITY FEED MILLS, Homer City, Pa.							
Wayne Local Mix Chick Mash (8289)	19.56	16.00	4.46	3.50	5.49	6.00	As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa.							
Tru-Mix Laying Mash (7846)	20.50	18.00	4.47	5.00	5.83	6.50	As Certified
Tru-Mix Starting and Growing Mash (7844)	19.63	18.00	4.37	4.60	2.71	5.50	As Certified
P. W. HUTCHISON & CO., New Castle, Pa.							
Outside Orowing Mash (8567)	16.68	16.00	4.83	4.00	8.32	8.00	As Certified
R. H. IKELER ESTATE, Bloomsburg, Pa.							
Blue Ribbon Growing Mash (8236)	15.25	16.00	4.73	3.75	4.54	6.50	As Certified
Blue Ribbon 20% Laying Mash (8237)	17.25	20.00	4.77	4.00	6.17	7.50	As Certified
Blue Ribbon Turkey Starting Mash (8239)	23.31	24.00	5.44	3.75	5.95	7.00	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pa.							
All American Chick Starter and Growing Mash (8791)	18.63	18.00	4.59	5.00	8.02	7.00	As Certified
All American 17% Egg Mash (8794)	16.75	17.00	4.57	5.00	5.49	7.00	As Certified
All American 20% Egg Mash (8793)	21.38	20.00	4.56	4.50	6.06	7.50	As Certified
All American Turkey Grower (8792)	20.81	20.00	4.80	5.00	6.41	6.00	As Certified
JUNIATA ROLLER MILLS, Thompsonstown, Pa.							
Burns' Vitamized Laying Mash (8864)	17.68	18.00	4.38	4.00	5.48	7.00	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Apex Complete Grower (8627)	16.44	14.00	2.88	4.00	7.90	8.50	As Certified
Apex Growing Mash (8391)	19.75	17.00	4.02	4.00	7.84	8.50	As Certified
Apex Laying Mash (8393)	20.25	20.00	4.02	4.00	5.73	8.50	As Certified
Kasco All Mash Chick Starter (7917)	17.50	17.00	6.70	4.00	5.05	5.50	Dried milk not detected.
Kasco All Mash Chick Starter (8392)	20.50	17.00	3.93	4.00	5.78	5.50	As Certified
Kasco All Mash Grower (8394)	15.63	14.00	4.05	4.00	6.02	5.50	As Certified
Kasco All Mash Laying and Breeding Ration (7912)	17.00	15.00	4.59	4.00	5.97	5.00	As Certified
Kasco All Mash Laying and Breeding Ration (8395)	17.13	15.00	4.06	4.00	4.88	6.00	As Certified
Kasco Poultry Flushing Mash (7913)	19.59	17.00	5.21	4.00	5.64	5.50	Soybean oil meal not detected.
Kasco Poultry Flushing Mash (8506)	17.81	17.00	3.33	4.00	4.92	5.50	As Certified
Kasco Turkey Grower (7910)	20.38	20.00	5.89	4.00	7.26	8.00	Found in addition corn gluten feed and ground barley.
Kasco Turkey Grower (8502)	22.50	20.00	4.42	4.00	9.00	8.00	As Certified
Kasco Turkey Starter (8503)	26.19	24.00	4.36	4.00	7.76	8.00	As Certified
Oo-Sac Laying Mash (7911)	17.19	17.00	4.40	3.50	8.33	8.50	As Certified
J. J. KENNEDY & SONS, Zanesville, Pa.							
Kennedy's Egg Mash (8712)	17.36	17.00	4.17	4.00	5.89	7.00	Linseed oil meal not detected. Found in addition small amount ground grain screen- ings.
H. H. KRATZ & SON, Schwenksville, Pa.							
Ideal Orowing Mash (8095)	20.50	18.50	4.94	5.00	7.36	6.50	As Certified
Ideal Laying Mash (8096)	21.06	19.00	5.10	4.00	7.65	6.50	As Certified
LARROE MILLINO CO., Detroit, Mich.							
Larro Broiler Feed (7979)	20.19	18.00	4.30	4.00	5.79	6.50	As Certified
Larro Broiler Feed (8900)	25.19	20.00	4.24	3.50	5.22	7.00	As Certified
Larro Chick Builder (7983)	20.81	19.00	4.64	4.00	6.42	7.00	As Certified
Larro Chick Builder (8902)	21.83	19.00	4.35	4.00	6.40	7.00	As Certified
Larro Egg Mash (7982)	21.75	20.00	4.92	4.00	6.48	7.50	As Certified
Larro Egg Mash (8166)	21.13	20.00	4.43	4.00	6.81	7.50	As Certified
Larro Egg Mash (8602)	23.06	20.00	3.48	4.00	6.29	7.50	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Larro Egg Mash (8892)	22.31	20.00	4.32	4.00	6.43	7.50	As Certified
Larro Egg Mash (Pelleted) (8901)	22.31	20.00	4.84	4.00	6.08	7.50	As Certified
Larro Turkey Builder (7980)	26.50	24.00	5.31	4.50	5.58	6.50	As Certified
Larro Turkey Builder (8601)	25.81	24.00	4.80	4.50	5.65	6.50	As Certified
Larro Turkey Builder (8899)	25.88	24.00	5.06	4.50	5.70	6.50	As Certified
Larro Turkey Finisher (8898)	20.63	19.00	4.31	3.50	6.79	7.00	As Certified
LYCOMING MILLS, Williamsport, Pa.							
Lycoming Growing Mash (7899)	26.75	18.00	4.28	4.00	8.60	6.00	As Certified
Lycoming Laying Mash (7900)	17.75	19.00	4.43	4.50	5.00	8.00	As Certified
H. H. LYSINGER & SON, Bedford, Pa.							
Lysinger's Growing Mash (8300)	18.38	18.00	5.09	4.00	6.45	5.00	As Certified
Lysinger's High Power Egg Mash (8298)	18.88	20.00	4.78	5.00	6.87	7.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.							
8-8 Broiler Ration (8076)	20.00	20.00	4.21	4.00	5.77	7.00	As Certified
8-8 Combination Broiler Ration (8441)	15.44	15.00	3.52	4.00	6.67	7.00	As Certified
8-8 Complete Chick Starter Ration (8073)	21.38	20.00	4.71	4.00	5.42	6.00	As Certified
8-8 Complete Chick Starter Ration (8105)	21.69	20.00	4.77	4.00	5.87	6.00	As Certified
8-8 Complete Chick Starter Ration (8440)	22.44	20.00	4.69	4.00	5.86	6.00	As Certified
8-8 Complete Turkey Starter Ration (8072)	25.13	26.00	4.35	4.00	5.22	7.00	As Certified
8-8 Daley Egg Mash (8065)	20.44	20.00	4.29	3.50	8.24	9.00	As Certified
8-8 Daley Egg Mash (8171)	20.69	20.00	4.13	3.50	7.73	9.00	As Certified
8-8 Daley Egg Mash (8439)	21.00	20.00	3.97	3.50	5.56	9.00	As Certified
8-8 Daley Egg Mash (8820)	21.31	20.00	3.94	3.50	6.21	9.00	As Certified
8-8 Daley Growing Mash (8062)	15.83	15.00	4.38	4.00	8.18	9.00	Screenings present exceeding mill run. Found in addition small amount unground weed seeds and cotton- seed meal.
8-8 Daley Growing Mash (8621)	14.50	15.00	3.73	4.00	8.19	9.00	As Certified
8-8 Fattening Mash with Milk Sugar Feed and Dried Buttermilk (8077)	16.38 18.25	13.00 15.00	5.24 4.16	4.00 4.00	6.89 6.35	6.00 7.00	As Certified Screenings present exceeding mill run.
8-8 Layer and Breeder Mash (8075)	19.50	20.00	4.44	4.50	6.81	7.00	As Certified
8-8 Layer and Breeder Mash (8445)	21.13	20.00	4.26	4.50	7.00	7.00	As Certified
8-8 Layer and Breeder Mash (Pellets) (8074)	19.13	20.00	4.37	4.50	6.75	7.00	As Certified
MEYERS BROTHERS, Watertown, Pa.							
Satin Chick Starter and Grower (8245)	19.88	16.00	3.88	5.00	6.66	8.00	Linseed oil meal and copra meal not de- tected. Found in addition corn gluten feed.
Satin Chick Starter and Grower (8581)	19.81	16.00	3.75	5.00	6.07	6.00	As Certified
Satin Laying Mash (8246)	18.56	17.00	4.32	5.00	6.52	7.00	Linseed oil meal not detected. Found in addition charcoal and corn gluten feed.
Satin Laying Mash (8580)	19.31	17.00	4.18	5.00	6.84	7.00	As Certified
E. E. MEYER, Loganton, Pa.							
Meyer's 20% Laying Mash (8878)	20.66	20.00	3.60	4.00	5.73	5.50	As Certified
MIDLAND MILLING & SUPPLY CO., Midland, Pa.							
Burton Growing Mash (8877)	17.19	17.00	3.29	4.00	6.66	7.00	Found in addition animal charcoal.
Burton Pan-A-Min Laying Mash (8678)	20.13	18.00	5.16	4.00	5.53	7.00	As Certified
Economy Egg Mash (8680)	13.88	16.00	2.80	4.00	10.00	10.00	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, Mifflinburg, Pa.							
Farmers Egg Mash (8844)	18.56	18.00	4.59	4.00	6.4	8.00	As Certified
Farmers Starting and Growing Mash (8848)	17.44	16.50	4.71	4.00	4.81	6.25	As Certified
MONACA ROLLER MILLS CO., Monaca, Pa.							
Hild's Laying Mash (8682)	18.56	18.00	4.65	4.00	8.60	7.00	As Certified
H. D. NEUFER, Rugeesville, Pa.							
Neufer's Egg Mash (8872)	18.63	15.00	3.68	4.00	5.17	6.00	As Certified
P. J. OESTERLING & SON, INC., Butler, Pa.							
Egg-Maker Mash (8742)	20.69	18.00	4.50	4.00	7.02	8.00	As Certified
Mack's Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk (8728)	20.56	18.00	5.84	4.00	5.74	8.00	As Certified
Oesterling's Cash and Carry Egg Mash (8139)	20.81	20.00	4.31	3.60	7.71	8.00	As Certified
Oesterling's Cash and Carry Egg Mash (8741)	23.00	20.00	4.37	3.50	7.72	8.00	As Certified
Oesterling's Cash and Carry Growing Mash (8724)	19.94	18.00	4.88	3.50	6.72	8.00	As Certified
Our Quality Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk (8137)	21.31	20.00	4.82	4.00	8.82	8.00	As Certified
Our Quality Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk (8733)	22.06	20.00	5.23	4.00	8.08	8.00	As Certified
Our Quality Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk (8805)	22.83	20.00	5.05	4.00	8.23	8.00	Linseed oil meal not detected.
Our Quality Sunside Egg Mash with Neu- Life Minerals (8140)	20.83	20.00	4.65	4.00	8.81	8.00	As Certified
Our Quality Sunside Egg Mash with Neu- Life Minerals (8734)	22.13	20.00	4.92	4.00	8.36	8.00	As Certified
Sunside 5% Buttermilk Chick Starter (8729)	19.88	18.00	5.22	4.00	6.90	7.00	As Certified
Sunside 6V Chick Starter (8727)	19.19	17.00	5.18	4.00	6.82	7.00	As Certified
Sunside Broiler Mash (8743)	19.56	15.00	5.39	4.00	7.48	7.00	As Certified
Sunside Chick Starter with Neu-Life Minerals (8739)	20.56	16.00	5.36	4.00	5.17	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Sunside Egg Maker Mash with Yeast (8738)	22.31	18.00	3.78	4.00	7.77	8.00	As Certified
Sunside Egg Mash with Buttermilk (8138)	21.06	20.00	5.62	4.00	7.24	7.50	As Certified
Sunside Egg Mash with Buttermilk (8740)	21.31	20.00	5.61	4.00	6.14	7.50	As Certified
Sunside Growing Mash (8145)	19.94	18.00	4.96	4.00	8.93	7.50	As Certified
Sunside Growing Mash (8735)	20.13	18.00	5.07	4.00	7.16	7.50	As Certified
Sunside Laying and Breeder's Mash (8745)	22.06	20.00	6.30	4.00	5.34	7.50	As Certified
Sunside Turkey Developer (8746)	20.81	20.00	4.41	5.00	6.27	7.00	As Certified
Sunside Turkey Starter (8747)	24.75	24.00	6.09	4.00	5.68	8.00	As Certified
Sunside 32% Concentrate for Growing Mash and Egg Mash (8736)	35.25	32.00	6.59	4.00	6.19	8.00	As Certified
THE PARK & POLLARD CO., Buffalo, N.Y.							
Lay or Bust Dry Mash (8755)	21.69	18.00	3.87	3.00	6.53	7.00	As Certified
Lay or Bust Dry Mash (Pelleted) (8264)	19.63	18.00	3.95	3.00	6.46	7.00	As Certified
Manamar Life Cycle Mash (8262)	17.94	16.00	3.95	3.50	8.26	7.00	As Certified
Manamar Life Cycle Mash (8756)	19.44	16.00	3.93	3.50	7.30	7.00	As Certified
PERRY & HENDERSON, Connellsville, Pa.							
Ideal Growing Mash (8325)	17.44	18.00	4.16	4.50	5.59	7.00	As Certified
Ideal Laying Mash (8326)	19.06	20.00	3.96	5.00	6.65	8.00	As Certified
PETERSBURG MILLING CO., Bessemer, Pa.							
Pemico Laying Mash (8673)	21.38	20.00	4.14	4.00	5.98	8.00	As Certified
Pemico Starting and Growing Mash (8671)	18.75	18.00	4.44	4.00	6.36	6.00	Found in addition animal charcoal.
PHELPS & SIBLEY CO., Cuba, N. Y.							
Pasco Starting and Growing Mash with Buttermilk (8800)	22.56	20.00	4.50	3.75	5.61	6.00	As Certified
POTTSTOWN ROLLER MILLS, Pottstown, Pa.							
Just-Right Egg Mash (8110)	20.25	20.00	4.61	4.00	6.45	8.00	Found in addition linefeed oil meal and ground grain screenings.
PRATT FOOD CO., Hammond, Ind.							
Pratte Baby Chick Food (8494)	19.69	16.00	4.69	3.50	5.44	4.00	As Certified
Pratte Baby Chick Food (8603)	19.44	16.00	3.00	3.50	5.28	4.00	As Certified
Pratte Broiler Mash (8037)	22.31	18.50	5.71	4.00	5.80	7.00	As Certified
Pratts C-Ka-Gene Ration (8029)	20.50	17.00	6.60	3.50	6.21	6.00	As Certified
Pratts Growing Mash (8031)	19.69	17.50	4.60	3.50	6.42	7.00	As Certified
Pratte Growing Mash (8032)	18.50	17.50	4.38	3.50	5.97	7.00	As Certified
Pratte Growing Mash (8609)	20.63	17.50	1.98	3.50	5.88	7.00	As Certified
Pratts Laying Mash (8030)	22.00	20.00	4.70	3.50	6.65	7.25	As Certified
Pratte Laying Mash (8033)	22.19	20.00	5.12	3.50	7.49	7.25	As Certified
Pratte Laying Mash (8610)	23.06	20.00	4.21	3.50	6.80	7.25	As Certified
Pratts Turkey Starter (8313)	27.31	25.00	5.60	4.50	6.62	6.00	As Certified
Utility Growing Mash (8490)	18.13	16.00	4.05	3.50	7.04	7.00	As Certified
PRESTON'S INC., Canton, Pa.							
Preston's Egg Producer (7831)	20.25	19.00	5.44	5.00	6.16	10.00	As Certified
Preston's Starting and Growing Mash (7829)	18.50	17.00	6.06	4.50	6.10	8.00	As Certified
PRESTON & JAQUIS, Troy, Pa.							
Sweepstake Egg Producer (8389)	19.56	17.50	3.74	6.00	7.02	8.50	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
81g Egg Laying Mash (8024)	21.44	20.00	5.24	4.00	7.37	8.00	As Certified
81g Egg Laying Mash (8322)	22.31	20.00	4.65	4.00	5.93	8.00	As Certified
81g Egg Laying Mash (Pellets) (7916)	19.81	18.00	4.60	4.00	7.34	8.00	As Certified
Ful-O-Pep Broiler Mash (7918)	22.13	19.00	4.92	4.50	6.29	7.00	As Certified
Ful-O-Pep Broiler Mash (8534)	22.06	19.00	5.04	4.50	6.00	7.00	As Certified
Ful-O-Pep Chick Starter (7805)	18.94	17.00	6.48	4.50	6.47	7.00	As Certified
Ful-O-Pep Chick Starter (8180)	19.69	17.00	5.03	4.50	6.61	7.00	As Certified
Ful-O-Pep Chick Starter (8555)	19.13	17.00	5.29	4.50	6.66	7.00	As Certified
Ful-O-Pep Chick Starter (8917)	19.00	17.00	5.07	4.50	6.30	7.00	As Certified
Ful-O-Pep Developer (8554)	17.25	15.00	5.07	4.50	8.10	9.00	As Certified
Ful-O-Pep Egg Breeder Mash (7923)	21.61	20.00	5.72	4.50	7.21	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (7981)	21.13	20.00	5.62	4.50	7.09	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (8179)	20.94	20.00	6.07	4.50	7.55	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (8557)	20.88	20.00	6.77	4.50	6.92	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (8910)	21.94	20.00	6.12	4.50	6.10	8.00	As Certified
Ful-O-Pep Growing Mash (7919)	21.19	19.00	5.39	5.00	6.10	6.00	As Certified
Ful-O-Pep Growing Mash (8556)	19.88	19.00	5.57	5.00	6.25	7.00	As Certified
Ful-O-Pep Growing Mash (8919)	19.94	19.00	6.00	5.00	6.66	7.00	As Certified
Ful-O-Pep Turkey Grower (8560)	21.06	20.00	5.58	4.60	6.98	8.00	As Certified
Ful-O-Pep Turkey Starter (7928)	26.88	26.00	6.44	5.00	5.70	7.00	As Certified
Ful-O-Pep Turkey Starter (8559)	26.31	26.00	5.17	6.00	6.43	7.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Protene Laying Mash (8611)	20.38	18.00	4.92	3.50	6.98	8.50	As Certified
Purina Broiler Chow (7948)	21.69	18.00	4.62	4.00	6.42	7.00	As Certified
Purina Chick Growers (8618)	17.63	15.00	3.21	3.50	6.31	7.00	As Certified
Purina Chick Starters (7947)	21.69	18.00	5.14	4.00	4.32	7.00	As Certified
Purina Chick Starters (8330)	21.50	18.00	4.61	4.00	5.15	7.00	As Certified
Purina Chicken Fatens (7940)	20.50	14.00	3.97	4.00	6.06	7.50	As Certified
Purina Family Flock Chow (8617)	21.06	18.00	4.32	3.50	7.37	8.00	As Certified
Purine Growing Chow (8616)	19.25	17.00	4.32	3.50	6.68	7.00	As Certified
Purina Lay Chow (7945)	22.88	21.00	6.38	4.00	6.40	8.00	As Certified
Purina Layena (Complete Ration) (7946)	18.06	15.50	4.68	3.50	5.69	8.00	As Certified
Purina Layena (Complete Ration) (8191)	17.75	15.50	5.58	3.50	5.58	8.00	As Certified
READING MILLING CO., Reading, Pa.							
Wertz's All Mash Chick Starter and Crower (8809)	15.63	15.50	4.66	5.00	6.60	4.50	As Certified
Wertz's Special Laying Mash (8815)	18.94	20.00	4.66	4.00	5.46	7.00	As Certified
W. A. REED COMPANY, Paxinos, Pa.							
Shamrock All Mash Chick Starter (7875)	16.44	16.00	4.78	4.00	6.17	6.00	As Certified
Shamrock Chick Starter Mash (7874)	18.94	18.00	5.14	4.00	4.89	6.00	Found in addition ground screenings.
Shamrock Growing Mash (7872)	18.25	18.00	4.75	4.00	7.18	7.00	As Certified
Shamrock 20% Egg Mash (7873)	20.50	20.00	4.70	4.00	5.37	7.50	Found in addition ground screenings.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
L. E. RHOADES, Selinegrove, Pa. Peerless Egg Mash (7728)	21.50	19.00	5.18	4.00	7.15	7.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Richard's Cash Laying Mash (8272)	20.19	20.00	4.52	3.00	7.93	8.00	Linseed oil meal not detected. Found in addition soybean meal and malt sprouts. Linseed oil meal not detected.
Richard's Cash Laying Mash (8332)	20.13	20.00	4.15	3.00	7.44	8.00	As Certified
Richard's Growing Mash (8279)	19.94	18.00	3.82	3.00	7.60	8.00	As Certified
Richard's Starting and Growing All Mash Chick Food (8885)	16.94	16.00	4.45	3.00	5.35	8.00	As Certified
Richard's Thrift Laying Mash (8193)	21.38	20.00	5.14	3.00	8.15	7.50	Linseed oil meal not detected. Found in addition small amount ground grain screenings.
Richard's Thrift Laying Mash (8593)	22.25	20.00	4.50	3.00	8.23	7.50	Linseed oil meal not detected.
Richard's Thrift Laying Mash (8894)	22.63	20.00	4.35	3.00	6.92	7.50	Linseed oil meal not detected. Found in addition malt sprouts.
Success Laying Mash (8282)	21.94	20.00	4.66	3.00	6.73	8.00	As Certified
Success Laying Mash (8489)	22.63	20.00	4.06	3.00	7.74	8.00	Linseed oil meal not detected.
Success Laying Mash (8592)	21.06	20.00	3.06	3.00	7.57	8.00	Linseed oil meal not detected.
Success Laying Mash (8709)	22.69	20.00	4.68	3.00	6.50	8.00	As Certified
Success Laying Mash (8896)	23.63	20.00	4.75	3.00	6.84	8.00	As Certified
J. S. RILEY & CO., New Castle, Pa. Pioneer Growing Mash (8656)	19.00	17.50	5.16	4.00	7.50	7.00	As Certified
Pioneer Laying Mash "Standard" (8658)	21.69	20.00	5.15	4.00	7.52	6.00	As Certified
Pioneer Laying Mash "Super Special" (8659)	18.13	18.00	5.05	4.00	8.24	7.00	As Certified
Pioneer Starting Mash (8660)	16.94	20.00	5.43	5.00	7.00	6.00	As Certified
ROUX FEED MILLS, Sharon, Pa. Roux Economy Egg Mash (8778)	20.00	20.00	4.01	4.00	6.90	8.00	As Certified
Roux Egg Mash (8780)	21.69	20.00	3.68	4.00	5.75	8.00	As Certified
Roux Growing Mash (8779)	20.56	16.00	3.88	4.00	5.82	6.00	As Certified
SANKEY'S MILL, Volant, R.D., Pa. Sankey's A Grade Egg Mash (8795)	21.94	20.00	5.36	4.50	5.93	9.00	As Certified
Sankey's Growing Mash (8796)	18.31	18.00	5.63	5.00	6.20	6.00	Charcoal not detected.
I. S. SECRIST, Millerstown, Pa. S. & S. Growing Mash (8858)	20.94	19.00	4.94	4.50	5.92	6.00	As Certified
S. & S. Laying Mash Special (8859)	21.69	20.00	4.90	4.00	5.51	7.00	As Certified
S. & S. 20% Laying Mash (8856)	20.25	20.00	5.33	4.50	6.25	7.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter All Mash Chick Starter and Grower (8625)	20.13	15.00	5.50	5.00	4.95	6.00	As Certified
Red Letter Egg Mash (8626)	21.00	20.00	4.35	4.50	7.20	7.00	Linseed oil meal not detected.
Red Letter Growing Mash (8908)	16.38	16.00	5.30	4.00	7.28	7.00	As Certified
Shadyeide Egg Mash (8763)	17.31	15.00	3.26	4.00	8.31	8.00	As Certified
Shadyeide Egg Mash (8909)	17.56	16.00	4.08	4.00	8.21	8.00	As Certified
SWINGLE BROTHERS, Lake Ariel, Pa. Laying Mash with Cod Liver Oil (7837)	22.31	20.00	5.89	4.00	6.34	8.00	As Certified
W. M. TEMPLETON & SONS, Rouston, Pa. Economy Egg Mash (8260)	17.63	18.00	5.00	4.50	8.20	7.00	As Certified
Economy Growing Mash (8256)	14.75	14.00	4.24	4.00	4.92	5.00	Meat scraps identified as meat and bone scraps.
Templeton's Egg Mash (8257)	19.60	19.00	5.12	5.00	7.78	7.00	As Certified
Templeton's Starting and Growing Mash (8258)	17.60	17.00	4.48	4.00	5.73	5.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Broilertine (7751)	20.00	17.00	4.72	4.00	7.29	7.50	As Certified
Chicotine with Cod Liver Oil (7827)	21.88	18.00	4.89	4.00	6.23	7.50	As Certified
Egetine with Cod Liver Oil (7756)	24.81	23.00	4.62	4.00	6.57	7.50	As Certified
Egetine with Cod Liver Oil (7820)	24.94	23.00	4.70	4.00	6.15	7.50	As Certified
Neverfail Flusher (7824)	19.88	17.00	3.81	3.00	4.47	5.50	As Certified
Taety Laying Food with Cod Liver Oil (7750)	22.94	20.00	4.76	4.00	6.79	7.50	As Certified
Taety Laying Food with Cod Liver Oil (7819)	23.00	20.00	4.65	4.00	6.00	7.50	As Certified
Ti-O-Ga Starter and Grower with Cod Liver Oil (7752)	19.81	15.50	4.36	4.00	7.26	7.50	As Certified
Ti-O-Ga Starter and Grower with Cod Liver Oil (7825)	19.69	16.50	4.52	4.00	7.35	7.50	As Certified
THE UBIKO MILLING CO., Cincinnati, O. Sunbeam Laying Mash (8081)	22.50	20.00	5.40	3.50	6.84	8.00	As Certified
Sunbeam Laying Mash (8518)	21.94	20.00	4.82	3.50	7.56	8.00	As Certified
Sunbeam Laying Mash (8590)	22.00	20.00	3.85	3.50	7.25	8.00	As Certified
Ubiko All-Mash Complete Laying Ration (8588)	18.19	16.00	4.21	4.00	5.97	6.00	As Certified
Ubiko All-Mash Complete Laying Ration (Pelleted) (8591)	18.25	16.00	4.31	4.00	6.22	6.00	As Certified
Ubiko All-Mash Developer (8087)	16.75	15.00	4.80	4.00	5.00	6.00	As Certified
Ubiko All-Mash Developer (8589)	16.19	15.00	4.67	4.00	5.50	6.00	As Certified
Ubiko All-Mash Developer (8890)	15.44	15.00	4.63	4.00	4.50	6.00	As Certified
Ubiko All-Mash Starter (8089)	19.94	18.00	4.26	4.00	4.94	5.00	As Certified
Ubiko All-Mash Starter (8891)	19.69	18.00	4.28	4.00	4.81	5.00	As Certified
Ubiko Broiler Ration (8090)	20.69	18.00	4.66	4.00	6.61	6.50	As Certified
Ubiko Egg Mash (8080)	23.00	20.00	4.50	4.00	5.13	6.00	As Certified
Ubiko Egg Mash (8526)	22.81	20.00	4.35	4.00	5.84	6.00	As Certified
Ubiko Egg Mash (8587)	23.00	20.00	3.58	4.00	5.51	6.00	As Certified
Ubiko Egg Mash (8889)	22.06	20.00	4.08	4.00	4.81	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE URBANA MILLS CO., Urbana, Ohio Urbana Egg Mash (7933)	20.13	20.00	4.26	4.00	7.15	8.00	Dried buttermilk not detected.
VANDERVORT MILLS, Laceyville, Pa. Vandervort's Buttermilk Cod Liver Oil Poultry Mash (7958)	19.88	20.00	4.19	4.50	6.81	7.00	As Certified
Vandervort's Laying Mash with Cod Liver Oil (7883)	20.81	16.00	4.61	4.50	6.68	11.00	Found in addition ground barley and charcoal.
Vandervort's Laying Mash with Cod Liver Oil (7959)	22.13	16.00	4.91	4.50	6.88	11.00	As Certified
Vandervort's Laying Mash with Complete Vitamins (7956)	18.25	19.00	4.96	4.00	6.91	6.00	As Certified
Vandervort's Starting and Growing Chick Mash (7967)	18.06	18.00	3.96	4.50	6.36	6.00	As Certified
VEACH COMPANY, New Castle, Pa. Veach Chick Mash (8665)	20.06	18.00	4.47	4.00	6.80	6.00	As Certified
Veach Egg Mash (8866)	20.63	20.00	4.45	4.00	7.48	8.00	As Certified
Veach Growing Mash (8664)	20.13	16.00	4.45	4.00	6.79	6.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Ronor Egg Mash (8135)	20.50	18.00	4.77	4.00	7.43	10.00	As Certified
Vitality Chick Starting Ration (8129)	18.25	17.00	4.31	4.00	6.47	6.50	As Certified
Vitality Romestead Egg Mash (8125)	19.75	18.00	4.81	3.50	7.39	8.00	As Certified
Vitality Romestead Egg Mash (8331)	18.81	18.00	4.51	3.50	7.56	8.00	As Certified
Vitality Romestead Egg Mash (8363)	19.26	18.00	4.93	3.50	7.68	8.00	As Certified
Vitality Romestead Starting and Growing Mash (8131)	17.44	16.00	4.00	3.50	6.88	7.00	As Certified
Vitality Romestead Starting and Growing Mash (8333)	18.25	16.00	3.45	3.50	7.25	7.00	As Certified
Vitality Turkey Starter (8124)	25.38	24.00	4.57	4.00	8.62	7.00	As Certified
Vitality Turkey Starter (8365)	25.69	24.00	4.52	4.00	6.15	7.00	As Certified
VOLANT MILLS, Volant, Pa. Volant Mills 16% Developer (8676)	17.38	16.00	4.20	4.00	5.97	7.50	As Certified
Volant Mills 20% Egg Mash (8675)	21.31	20.00	4.63	4.00	5.23	7.60	As Certified
WAMPUM MILL CO., Wampum, Pa. Silver Star Egg Mash (8640)	19.25	20.00	4.50	5.00	6.37	7.00	As Certified
WARNER'S MILL, Alliance, Ohio Sunrise Egg Mash (8643)	19.94	18.00	4.07	3.50	7.95	7.50	As Certified
Warner's Blue Ribbon Growing Mash (8641)	20.44	16.00	4.13	3.50	7.05	7.00	As Certified
Warner's Blue Ribbon Starting Mash (8642)	17.88	18.00	4.24	4.00	6.87	7.00	As Certified
WASHINGTON MILLING CO., Washington, Pa. Gain More Egg Laying Mash (8486)	21.50	20.00	4.09	4.00	7.39	7.00	Soybean oil meal not detected.
Gain More Starting and Growing Mash (8487)	20.06	19.00	4.67	4.00	6.67	6.60	Soybean oil meal not detected.
E. A. WATSON, Grove City, Pa. Waeco 20% Egg Mash (8749)	20.75	20.00	3.91	4.00	6.93	7.50	As Certified
WAYNESSBURG MILLING CO., Waynesburg, Pa. Growing Mash (8692)	16.69	15.00	4.19	5.00	5.08	7.00	Found in addition linseed oil meal.
Rome Mash (8688)	19.38	20.00	4.76	6.00	6.80	7.00	As Certified
Turkey Developer (8696)	20.63	20.00	4.25	3.00	5.85	8.00	As Certified
WELLES MILL CO., Wyalusing, Pa. Peerless Egg Mash (7813)	19.94	19.00	4.78	4.00	5.62	9.00	As Certified
Wellco Growing Mash (7817)	18.19	18.00	4.91	4.00	5.83	8.00	As Certified
Wellco Milk Egg Mash (7818)	20.06	19.00	5.50	4.00	5.80	8.00	As Certified
F. S. WERTZ & SON, Reading, Pa. Reading Egg Mash (8169)	18.56	18.00	5.70	4.00	6.99	8.00	As Certified
Wertz's Baby Chick Starter (8817)	14.94	16.00	3.75	4.00	6.77	4.50	As Certified
A. H. WHITE, Monroeton, Pa. White's Bradco Laying Mash (7796)	20.81	20.00	4.82	4.50	8.16	6.00	Grain screenings in excess of mill run.
White's Bradco Starting and Growing Mash (7796)	17.76	15.00	4.84	4.50	5.70	5.00	Found in addition ground barley.
THE WHITE MILLING CO., Sloomsburg, Pa. Keytone Chick Starter Mash (8233)	19.06	18.00	5.14	5.00	6.68	6.00	As Certified
Keystone Egg Producer (8232)	17.76	17.00	6.07	5.00	6.73	7.00	As Certified
Keystone Growing Mash (8234)	18.75	16.00	5.12	4.00	8.94	7.00	As Certified
Average	20.21	-----	4.63	-----	6.48	-----	
PROPRIETARY SMALL ANIMAL FEEDS							
ACME MILLING CO., Olean, N. Y. Acme Golden Dog Food (8377)	32.56	28.00	4.92	4.00	3.72	4.00	As Certified
BANNOCK FOOD CO., INC., West Chester, Pa. Bannock Body Builder Dog Food (7999)	26.26	24.00	6.31	3.50	3.12	4.50	As Certified
BATTLE CREEK DOG FOOD CO., Battle Creek, Mich. Millers Kibbles (8476)	19.44	18.00	1.00	1.00	0.80	2.00	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CALO FOOD PRODUCTS CO., INC., Oakland, Calif. Calo Dog and Cat Food (8840)	8.07	8.00	2.36	2.25	0.66	0.50	As Certified
CHAMPION ANIMAL FOOD CO., Minneapolis, Minn. North Star Kibbled Dog Food (7978) North Star Kibbled Dog Food (8399)	19.31 19.19	----- 19.00	1.94 2.14	---- 2.50	4.31 3.18	---- 3.50	As Certified As Certified
CHAPPEL BROTHERS, INC., Rockford, Ill. Kit-E-Ration Cat Food (8944)	14.12	10.00	2.75	1.00	1.07	2.00	As Certified
CLOVER FARM STORES, Cleveland, Ohio Kwik Meal (7722)	10.58	10.00	5.16	2.00	0.71	1.00	As Certified
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pa. Marco Dog and Cat Food (8945)	15.14	10.50	2.71	3.00	0.90	1.00	As Certified
CUDAHY PACKING CO., Chicago, Ill. Tally-Ho Dog Food (8936)	10.96	10.50	4.87 4	3.00	0.35	1.00	As Certified
DAILY PACKING CO., Chicago, Ill. Daily Dog Food (8934) Daily Dog Food (8943)	13.70 12.94	12.00 12.00	3.46 3.11	3.00 3.00	1.28 1.31	1.50 1.50	As Certified As Certified
DIAMOND MILLING CO., New Brighton, Pa. Boraby's Dog Ration (8400)	26.25	24.00	6.45	6.00	4.33	5.00	As Certified
FOODLAND, INC., Cleveland, Ohio Foodland Dog Food (7723) Foodland Dog Food (8297)	7.19 9.08	7.00 7.00	3.62 2.98	1.75 1.75	0.61 0.96	1.75 1.75	As Certified As Certified
THE POSTER CANNING CO., INC., Brooklyn, N. Y. Clipper Dog Food (8938)	8.11	7.00	0.94	2.00	1.22	1.25	As Certified
FRIED & REINEMAN, Pittsburgh, Pa. Hearty Brand Dog Food (8952)	9.39	10.00	3.19	2.50	0.62	1.00	As Certified
GAINES FOOD CO., Sherburne, N. Y. Gaines Dog Food (8328)	26.81	23.00	4.78	3.00	2.81	4.00	Found also cereal (flaked)
Vita-Gaines Dog Food (7879)	5.09	-----	1.13	----	0.29	----	As Certified
INTERSTATE FOODS OF AMERICA, Bedford, Ohio A B C Dog Food, Extra Baef (7811) A B C Dog Food, Extra Baaf (7851) A B C Dog Food, Extra Baaf (8935) A B C Dog Food, Extra Liver (7850) A B C Dog Food, Extra Liver (8839) A B C Dog Food, Extra Vegetable (7849)	11.33 9.87 10.20 10.42 10.75 10.49	10.00 10.00 10.00 10.00 10.00 10.00	1.05 0.94 2.27 1.02 3.51 0.96	2.00 2.00 2.00 2.00 2.00 2.00	1.04 0.89 0.97 0.91 0.95 0.92	1.75 1.50 1.75 1.50 1.50 1.50	As Certified As Certified As Certified As Certified As Certified As Certified
JERSEY CEREAL CO., Cereal, Pa. Csr-Me-Soy Dog Food (8211)	25.56	21.50	4.42	4.00	2.92	3.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Kasco Complete Dog Rations (8372) Kasco Rabbit Pellets (7926)	24.06 16.19	22.00 13.00	4.35 3.55	4.00 3.00	4.30 7.91	4.00 11.00	As Certified As Certified
LARDAN PACKING CO., INC., Ozone Park, N. Y. Health-O Dog and Cat Food (8841) Omar Dog and Cat Food (8940)	6.62 6.53	6.55 7.56	1.40 0.50	1.50 1.50	1.34 1.10	0.40 1.00	As Certified As Certified
LARROWE MILLING CO., Detroit, Mich. Larro Dog Food (7986)	27.25	24.50	5.88	4.50	3.84	4.50	As Certified
THE MEAT PRODUCTS CO., Cleveland, O. Bresko Granular Ration for Dogs and Puppies (B60B) Bresko Meat Bone Crisp (B398) Bresko Meat Bone Crisp (B932)	24.38 23.81 24.06	20.00 23.00 23.00	6.47 5.53 6.16	2.00 2.00 2.00	2.93 3.75 2.88	4.00 4.00 4.00	As Certified As Certified As Certified
GEO. C. MELODY, Greensburg, Pa. Melo Meat Dog Feed (8146)	13.67	12.05	3.25	1.05	0.88	2.00	As Certified
JOHN MORRELL & CO., Ottumwa, Iowa Rad Heart Dog Food (Diat A) (B562)	10.89	10.50	4.16	2.50	0.73	1.00	As Certified
NATIONAL COAST PRODUCTS CORP., Swedesboro, N. J. Lykit Dog and Cat Food (8838) Skipper Dog Food (7774)	8.35 8.88	8.00 7.00	1.59 2.77	2.00 2.00	1.10 0.41	1.50 1.50	As Certified As Certified
NOWAK MILLING CORP., Hammond, Ind. Domino All-in-One Rat-bats (7984) Domino Goat-sts (7987)	12.88 19.00	12.00 16.00	2.93 3.89	3.00 3.50	15.00 8.98	16.50 8.00	As Certified As Certified
PACKER PRODUCTS CO., Philadelphia, Pa. Dart Dog Food (7854) Dart Dog Food (8937)	7.76 6.74	6.50 6.50	1.52 1.11	2.50 2.50	1.80 0.78	1.00 1.00	As Certified As Certified
PRATT FOOD CO., Hammond, Ind. Pratt's Dog Food, Cubed (8607)	22.38	22.00	4.82	3.00	2.95	5.00	As Certified
PROTO, INC., Philadelphia, Pa. Proto Dog Food (B192)	22.81	-----	6.34	----	3.23	----	As Certified
RAILSTON PURINA CO., St. Louis, Mo. Purina Dog Chow Meal (7955) Purina Fox Chow (7951) Purina Rabbit Chow (7954)	27.31 25.44 15.75	23.00 20.00 13.50	6.70 5.54 3.08	4.00 3.00 2.50	4.26 3.91 11.95	6.00 6.00 16.00	As Certified As Certified As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. S. RILEY & CO., New Castle, Pe. Riley's Tri-Blend Dog Food (8655)	30.25	25.00	5.36	4.00	3.08	3.00	As Certified
RIVAL PACKING CO., Chicago, Ill. Rivel Dog Food (8561)	10.58	10.00	3.28	2.50	0.71	1.00	As Certified
VIMPEP FOODS, INC., Cambridge, Md. Always On Top Dog Food (8296)	7.58	7.00	1.91	2.00	0.72	1.00	As Certified
Smarty Dog Food (8933)	7.73	7.00	1.79	2.00	0.93	1.00	As Certified
VITA FRESH DOG FOOD CORP., Long Island City, N. Y. Vite-Best Dog Food (7553)	30.25	26.67	4.41	4.50	2.41	3.36	As Certified
Vite-Best Dog Food (Kibbles) (7852)	24.19	24.31	1.68	2.41	1.23	3.61	As Certified
<u>ANIMAL BY-PRODUCTS</u>							
<u>Meat and Bone Scrap</u>							
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pe. 45% Consolidated Beef and Bone Scrap (B834)	43.38	45.00	9.72	8.00	2.50	3.00	As Certified
50% Consolidated Beef and Bone Scrap (B836)	43.88	50.00	9.18	7.00	1.66	3.00	As Certified
JACOB DOLD PACKING CO., Buffalo, N.Y. Dold Quality Meat and Bone Scrap (B828)	51.75	50.00	6.37	6.00	4.96	5.00	As Certified
CHAS. R. SHOEMAKER INC., Philadelphia, Pe. Belgrede Brand 50% Beef and Bone Scrap (8174)	52.31	50.00	11.84	10.00	2.29	2.00	As Certified
Echo Brand 45% Meat and Bone Scrap (8176)	50.94	45.00	14.57	10.00	2.10	2.00	As Certified
Pureox Brand 55% Beef and Bone Scrap (8175)	55.94	55.00	11.82	10.00	3.08	2.00	As Certified
M. L. SHOEMAKER & CO., Philadelphia, Pe. Shoemaker's Swift-Sure Ground Meat and Bone Scrap for Poultry (8120)	51.38	50.00	9.16	6.00	2.31	3.00	As Certified
YOUNGSTOWN HIDE AND TALLOW CO., Youngstown, Ohio Penn-Ohio Meat Scraps (863B)	52.06	50.00	8.53	5.00	3.22	3.00	As Certified
Average	50.21	-----	10.15	-----	2.76	-----	
<u>Tenkegs</u>							
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pe. Consolidated 50% Feeding Tenkegs (8835)	63.44	50.00	8.02	8.00	3.23	3.00	As Certified
CHAS. R. SHOEMAKER INC., Philadelphia, Pe. Top Grade Brand 60% Feeding Tenkegs (8177)	61.38	60.00	11.64	6.00	1.19	3.00	As Certified
Average	62.41	-----	9.83	-----	2.21	-----	
<u>MISCELLANEOUS FEED</u>							
FAIRMONT CREAMERY CO., Omaha, Neb. Fairmont Better Pure Fleke Suttermilk (8329)	33.25	32.00	6.05	6.00	-----	-----	